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# CATALOGUS

# MAMMALIUM

## TAM VIVENTIUM QUAM FOSSILIUM

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Parisiis.

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**NOVA EDITIO (PRIMA COMPLETA).**

FASCICULUS II.

## CARNIVORA, PINNIPEDIA, RODENTIA I.

(PROTROGOMORPHA ET SCIUROMORPHA.)

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# Ordo VI. Carnivora.

## Subordo 1. †Creodonta.[1])

### Index bibliographicus.

1884. — **Cope,** The Creodonta (American Naturalist, 1884, p. 255, 278).
1887. — **Schlosser,** Die Affen, etc., Creodonten etc., Europas (Beitr. Pal. Œsterr.-Ung., VI, 1887 et IX, 1889).
1892. — **Scott,** Revision of the North-American Creodonta (Proceed. Acad. Nat. Sc. Philadelphia, 1892, p. 291—323).
1893. — **Zittel,** Handbuch der Paläontologie, IV (cum bibliogr. extensiore).
1895. — **Osborn** et **Earle,** Bull. Am. Mus. Nat. Hist., VII, 1895, p. 20 et 26.

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## Familia I. †Oxyclaenidae.

*Oxyclaenidae* et *Chriacidae* (Osborn et Earle, 1895).[2])

### 266. †Oxyclaenus, Cope, 1883.

*Mioclaenus*, p., Cope, 1881.

1295. †**cuspidatus**, Cope, Proc. Am. Phil. Soc., XX, 1883, p. 312; Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 295. — †Eocaen. infer. America Sept., Nov.-Mexico, Puerco.

### 267. †Chriacus, Cope, 1883.

*Lipodectes*, p., et *Pelycodus*, p., Cope, 1881; *Tomitherium*, p., *Deltatherium*, p., *Hyopsodus*, p., Cope (anteà), 1880.

1296. †**truncatus**, Cope, Proc. Am. Phil. Soc., 1883, p. 313; Tert. Vert., 1884, p. 740; Synops. Puerco Series (Trans. Am. phil. Soc.), 1888, p. 337, fig. 9. — †Eocaen. infer. Nov.-Mexico, Puerco.

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[1]) Subordo incertae sedis »†*Sparassodonta*« (Ameghino), in **Didelphibus** collocabitur.

[2]) Fide Osborn et Earle (1895), **Chriacidae** affines sunt *Prosimiis* potius quam *Creodontibus* (Vide: Bull. Am. Mus., VII, p. 20—21). Classificatio Zitteli (Handb. d. Palaeont., 1893), hic sequitur, confusionibus vitandis.

1297. †**pelvidens,** Cope, Am. Nat., 1881, p. 1019; Proc. Am. Phil. Soc., 1881, p. 151; Proc. Acad. Philad., 1883, p. 80; Tert. Vert., 1884, p. 225, pl. 23d et 24e; Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 296. †Eocaen. infer. Nov.-Mexico.

1298. †**Baldwini,** Cope, Proc. Am. Phil. Soc., 1882, p. 463; Tert. Vert., 1884, p. 282, pl. 23d, fig. 12; p. 328, pl. 25f, fig. 16; Syn. Puerco Series, 1888, p. 340; Osborn et Earle, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 21. †Eocaen. infer. Nov.-Mexico.

1299. †**stenops,** Cope, Synops. Puerco Series, 1888, p. 341. †Eocaen. infer. Nov.-Mexico.

1300. †**angulatus,** Cope, Proc. Am. Phil. Soc., 1881, p. 151; Proc. Acad. Philad., 1883, p. 80; Tert. Vert., 1884, p. 231, pl. 24e, fig. 4. †Eocaen. infer. Nov.-Mexico.

### 268. †**Protochriacus,** Scott, 1892.

*Chriacus*, p., Cope, 1888; *Tricentes*, p., Cope, 1883.

1301. †**priscus,** Cope, Synops. Puerco Series, 1888, p. 337; Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 296; Osborn et Earle, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 22. †Eocaen. infer. Nov.-Mexico, Puerco.

1302. †**simplex,** Cope, Proc. Am. Phil. Soc., XXI, 1883, p. 314; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 22. †Eocaen. infer. Nov.-Mexico.

1303. †**attenuatus,** Osborn et Earle, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 22. †Eocaen. infer. Nov.-Mexico.

### 269. †**Epichriacus,** Scott, 1892.

*Chriacus*, p., Cope, 1888.

1304. †**Schlosserianus,** Cope, Synopsis Puerco Series, 1888, p. 338; Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 296. †Eocaen. infer. Nov.-Mexico.

### 270. †**Pentacodon,** Scott, 1892.

*Chriacus*, p., Cope, 1888.

1305. †**inversus,** Cope, Syn. Puerco Ser., 1888, p. 342; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 296. †Eocaen. infer. Nov.-Mexico.

## 271. †**Loxolophus,** Cope, 1885.

*Chriacus*, p., Cope, 1883.

| | | |
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| 1306. | †**Hyattanus,** Cope, Am. Nat., 1885, p. 385; Trans. Am. Phil. Soc., XVI, part 2, p. 304; Scott, Proc. Ac. Philad., 1892, p. 297. | †Eocaen. infer. Nov.-Mexico, Puerco. |
| | *adapinus*, Cope, Am. Nat., 1885, p. 386. | » |

## 272. †**Tricentes,** Cope, 1883.

*Mioclaenus*, p., Cope, 1881.

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| 1307. | †**bucculentus.** Cope, Proc. Am. Phil. Soc., 1883, p. 555; 1884, p. 315; Tert. Vert., 1884, p. 341, pl. 24g, fig. 10; Synops. Puerco Ser., 1888, p. 336, fig. 7; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 297; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 24. | †Eocaen. infer. Nov.-Mexico, Puerco. |
| 1308. | †**crassicollidens,** Cope, Proc. Am. Phil. Soc., 1883, p. 315; Scott, Proc. Ac. Nat. Sc., 1892, p. 297. | †Eocaen. infer. Nov.-Mexico. |
| 1309. | †**subtrigonus,** Cope, Proc. Am. Phil. Soc., 1881, p. 491; 1884, p. 315; Tert. Vert., 1884, p. 338, pl. 24f, fig. 4, 57f, fig. 5; Scott, Proc. Ac. Nat. Sc., 1892, p. 297. | †Eocaen. infer. Nov.-Mexico. |
| 1310. | †**angustus,** Cope, Amer. Nat., 1881, p. 831. | †Eocaen. infer. Nov.-Mexico. |

## 273. †**Ellipsodon,** Scott, 1892.

*Tricentes*, p., Cope, 1883.

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| 1311. | †**inaequidens,** Cope, Proc. Am. Phil. Soc., 1883, p. 317; Synops. Puerco Ser., 1888, p. 336, fig. 8; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 298. | †Eocaen. infer. Nov.-Mexico, Puerco. |

## Familia II. † **Arctocyonidae.**

### 274. † **Arctocyon,** Blainv., 1841.

*Palaeocyon,* Blainv. (anteà), nec Lund., *Hyodectes* et *Heteroborus,* Cope, 1880.

1312. † **primaevus,** Blainv., Ostéog., G. *Suborsus,* p. 73, pl. 13; Gervais, Zool. et Pal. Fr., 1859, p. 108; Schlosser, Beitr. Pal. Öst.-Ung., 1887, p. 222. — † Eocaen. Gallia orient., La Fère (Aisne).

1313. † **Gervaisi,** Lemoine, Bull. Soc. Hist. Nat. Reims, 1878, p. 95, 96, pl. I, fig. 2; Ann. Sc. Nat., VIII, p. 14, pl. 1—4; Cope, Am. phil. Soc., 1880, p. 78; Lemoine, Bull. Soc. Géol., XIII, 1883, pl. XII, fig. 42; XIX, 1891, p. 272, pl. X, fig. 22—24; Schlosser, Beit. Pal. Öst.-Ung., 1887, p. 222. — † Eocaen. infer. Gallia orient., Nogent (Marne).

1314. † **Duelii,** Lem., Bull. Soc. Hist. Nat. Reims, 1878, p. 97, pl. I, fig. 3; Ann. Sc. Nat., VIII, p. 26, pl. 3, fig. 1, 2; Cope, Am. phil. Soc., 1880, XIX, p. 78; Lem., Bull. Soc. Géol., XIII, 1883, pl. XII, fig. 42; XIX, 1891, p. 272, pl. X, fig. 22—24; Schloss., Beit. Pal. Öst.-Ung., 1887, p. 222. — † Eocaen. infer. Gallia orient., Cernay (prope Reims, Marne).

### 275. † **Conaspidotherium,** Lemoine, 1891.

1315. † ? **Ameghinoi,** Lem., Bull. Soc. Géol., XIX, 1891, p. 275, pl. X, fig. 30. — † Eocaen. infer. Gallia (Reims).

### 276. † **Arctocyonides,** Lemoine, 1891.

1316. † **sp.,** Lem., Bull. Soc. Géol., XIX, 1891, p. 275, pl. X, fig. 25—29. — † Eocaen. infer. Gallia (Reims).

### 277. † **Adracon,** Filhol, 1884.

1317. † **quercyi,** Filh., Bull. Soc. Philom., 1884—85, IX, p. 19. — † Eocaen. Gallia merid.

### 278. † **Claenodon,** Scott, 1892.

*Mioclaenus,* p., Cope, 1883.

1318. † **ferox.** Cope, Proc. Am. Phil. Soc., 1883, p. 547; Tert. Vert., 1884, p. 328, pl. 24, f. et 24, g; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 298, 299; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 27. — † Eocaen. infer. Nov.-Mexico, Puerco.

1319. † **corrugatus**, Cope, Tert. Vert., 1884, p. 341, pl. 24, f, et 24, g; Synops. Puerco Ser., 1888, p. 332; Scott, l. c., 1892, p. 299. — † Eocaen. infer. Nov.-Mexico. Puerco.

*ferox*, p., Cope (anteà). — »

1320. † **protogonioides**, Cope, Am. Nat., 1882, p. 833; Tert. Vert., 1884, p. 340, pl. 24, g, et 25, f; Synops. Puerco Ser., 1888, p. 329. — † Eocaen. infer. Nov.-Mexico. Puerco.

### 279. † Tetraclaenodon, Scott, 1892.

*Mioclaenus*, p., Cope, 1888.

1321. † **Flowerianus**, Cope, Synopsis Puerco Series, 1888, p. 330; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 300. — † Eocaen. infer. Nov.-Mexico. Puerco.

### 280. † Plesiestonyx, Lemoine, 1891.

1322. **Munieri**, Lem., Bull. Soc. Géol., XIX, 1891, p. 276, pl. X, fig. 31, 32. — † Eocaen. infer. Cernay (Reims).

### 281. † Anacodon, Cope, 1881.

1323. † **ursidens**, Cope, Proc. Am. Phil. Soc., 1881, p. 181; Tert. Vert., 1884, p. 427, pl. 25, e; Osborn, Bull. Am. Mus., 1892, p. 115, fig. 13; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 300. — † Eocaen. America Sept., Wyoming (Wasatch).

## Familia III. † Triisodontidae.

### 282. † Triisodon, Cope, 1881.

*Diacodon*, p., et *Goniacodon*, p., Cope.

1324. † **quivirensis**, Cope, Am. Nat., 1881, p. 667; Proc. Am. Phil. Soc., 1881, p. 485; Tert. Vert., 1884, p. 270, 272, pl. 25, c; Am. Nat., 1884, p. 257, fig. 1 et p. 350; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 301. — † Eocaen. infer. Nov.-Mexico. Puerco.

1325. † **biculminatus**, Cope, Synops. Puerco Series, 1888, p. 342; Scott, Proc. Ac. Phil., 1892, p. 301; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 28, fig. 7. — † Eocaen. infer. Nov.-Mexico.

1326. †**Heilprinianus**, Cope, Proc. Am. phil. Soc., 1881, p. 193; Tert. Vert., 1884, p. 273, pl. 23, d; Synops. Puerco Ser., in Trans. Am. phil. Soc., XVI (2), 1888, p. 321; Scott, Proc. Ac. Phil., 1892, p. 301. — †Eocaen. infer. Nov.-Mexico.

### 283. †**Goniacodon**, Cope. 1888.

*Diacodon*, p., *Triisodon*, p., et *Mioclaenus*, p., Cope.

1327. †**Levisanus**, Cope, Proc. Am. Phil. Soc., 1881, p. 193; Tert. Vert., 1884, p. 273, pl. 24f; Trans. Am. phil. Soc., XVI, (2), 1888, p. 321; Scott, Proc. Ac. Phil., 1892, p. 302. — †Eocaen. infer. Nov.-Mexico, Puerco.

1328. †**Gaudryanus**, Cope, Trans. Am. phil. Soc., 1888, l. c., p. 326; Scott, l. c., 1892, p. 302. — †Eocaen. infer. Nov.-Mexico.

1329. †**rusticus**, Cope, Proc. Am. phil. Soc., 1883, p. 310, 311; Trans., l. c., 1888; Scott, l. c., 1892, p. 302. — †Eocaen. infer. Nov.-Mexico.

### 284. †**Microclaenodon**, Scott, 1892.

*Mioclaenus*, *Triisodon* et *Diacodon*, p., Cope.

1330. †**assurgens**, Cope, Proc. Am. phil. Soc., 1883, p. 311; Trans. Am. phil. Soc., 1888, l. c.; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 302. — †Eocaen. infer. Nov.-Mexico, Puerco.

### 285. †**Sarcothraustes**, Cope, 1881.

*Mioclaenus*, p., et *Conorycles*, p., Cope.

1331. †**antiquus**, Cope, Pal. Bull., N° 34, 1882, p. 193; Proc. Am. phil. Soc., 1881, p. 193; Tert. Vert., 1884, p. 347, pl. 24d; Cope, Trans. Am. phil. Soc., 1888 (Synops. Puerco Ser.); Scott, Proc. Ac. Philad., 1892, p. 303; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 29. — †Eocaen. infer. Nov.-Mexico, Puerco.

1332. †**coryphaeus**, Cope, Am. Nat., 1885, p. 386; Trans. Am. phil. Soc., 1888, l. c., p. 323, fig. 1—4; Scott, l. c., 1892, p. 303; Osborn et Earle, l. c., 1895, p. 29. — †Eocaen. infer. Nov.-Mexico.

1333. †**bathygnathus,** Cope, Trans. Am. phil. Soc., 1888, l. c., p. 321; Scott, l. c., 1892, p. 303. — †Eocaen. infer. Nov.-Mexico.

1334. †**crassicuspis,** Cope, Tert. Vert., 1884, p. 201, pl. 23e; Trans. Am. phil. Soc., 1888, l. c., p. 323; Scott, l. c., 1892, p. 303. — †Eocaen. infer. Nov.-Mexico.

## Familia IV. †**Mesonychidae.**

### 286. †**Dissacus,** Cope, 1881.

*Mesonyx,* p., Cope (anteà).

1335. †**navajovius,** Cope, Am. Nat., 1881, p. 1019; Tert. Vert., 1884, p. 345, pl. 24g, 25c; Trans. Am. phil. Soc., 1888, p. 344; Scott, Proc. Ac. Nat. Sc. Philad., 1892, p. 304. — †Eocaen. infer. Nov.-Mexico. Puerco.

1336. †**carnifex,** Cope, Am. Nat., 1882, p. 834; Tert. Vert., 1884, p. 345, 741, pl. 24g; Osborn et Earle, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 30, fig. 8, 9. — †Eocaen. infer. Nov.-Mexico.

1337. †**leptognathus,** Osborn, Bull. Am. Mus. Nat. Hist., IV, 1892, p. 112, fig. 10. — †Eocaen. Wyoming (Wasatch).

### 287. †**Plesidissacus,** Lemoine, 1893.

*Dissacus,* p., Lem., 1891.

1338. †**europaeus,** Lemoine, Bull. Soc. Géol., 1891, XIX, p. 271, pl. X, fig. 2; 1893, XXI, p. 362, pl. IX, fig. 2, pl. X, fig. 11. — †Eocaen. infer. Gallia orient., Cernay (Reims).

### 288. †**Pachyaena,** Cope, 1874.

*Mesonyx,* p., Cope (anteà).

1339. †**ossifraga,** Cope, Report West of 100 merid. (1874), 1877, IV, p. 94, pl. 39; Am. Nat., 1881, p. 1019; 1884, p. 264, fig. 6—10; Tert. Vert., 1884, p. 362, pl. 24e, 28a—d; Scott, Proc. Ac. Philad., 1892, p. 305. — †Eocaen. Wyoming (Wasatch).

1340. †**gigantea,** Osborn, Bull. Am. Mus. Nat. Hist., IV, 1892, p. 113, fig. 11, 12. — †Eocaen. Wyoming.

### 289. †**Mesonyx,** Cope, 1872.

*Synoplotherium*, p., Cope, 1872; *Dromocyon*, Marsh, 1876.

1341. †**obtusidens,** Cope, Proc. Am. phil. Soc., 1872, p. 480; Tert. Vert., 1884, p. 355, pl. 26 et 27; Scott, Journ. Ac. N. Sc. Philad., IX, 1886, p. 155, pl. V, VI et VII; Proc. Ac. Phil., 1892, p. 306. — †Eocaen. Wyoming (Bridger).

*velox*, Marsh, Am. Journ. Sc., XII, 1876, p. 403. — »

1342. †**lanius,** Cope, Pal. Bull., N° 6, 1872, p. 1; Proc. Am. phil. Soc., 1872, p. 483; Tert. Vert., 1884, p. 358, pl. 27, 28, 29, 58b; Scott, l. c., 1892, p. 306. — †Eocaen. Wyoming.

1343. †**uintensis,** Scott, Journ. Ac. N. Sc. Phil., IX, 1886, p. 168; Mamm. Uinta Form., 1889, p. 471, pl. X, fig. 9; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 79, fig. 4. — †Eocaen. Wyoming (Uinta).

1344. †**dakotensis,** Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 306. — †Eocaen. White-River.

## Familia V. †**Proviverridae.**

*Leptictidae*, Cope (partim).

### 290. †**Hyaenodictis,** Lemoine, 1879.

1345. †**Filholi,** Lemoine, Assoc. franç. Avanc. des Sc., 1879, p. 5 (separata); Bull. Soc. Géol., XIX, 1891, p. 271, pl. X, fig. 4. — †Eocaen. infer. Gallia orient. Cernay (Reims).

1346. †**Gaudryi,** Lemoine, Bull. Soc. Geol., XIII, 1885, p. 204, pl. XII, fig. 43; XIX, 1891, p. 271, pl. X, fig. 3, 5; Osborn, Proc. Acad. Philad., 1890, p. 60, fig. 3e. — †Eocaen. infer. Cernay.

### 291. †**Procynictis,** Lemoine, 1885.

1347. †**remensis,** Lem., Bull. Soc. Géol., XIII, 1885, p. 205, pl. XII, fig. 39; XIX, 1891, p. 270, pl. X, fig. 1; Osborn, Proc. Ac. Philad., 1890, p. 61. — †Eocaen. infer. Gallia orient. Cernay (Reims).

## 292. †**Deltatherium,** Cope, 1880.

*Lipodectes,* Cope, 1881.

1348. †**fundaminis,** Cope, Am. Nat., 1880, p. 338; Tert. Vert., 1884, p. 278, pl. 23e, 25a, 25d; Am. Nat., 1884, p. 352, fig. 20; Osborn et Earle, Bull. Am. Mus., VII, 1895, p. 39, fig. 10, 10. — †Eocaen. infer. Nov.-Mexico (Puerco).

*penetrans,* Cope, Am. Nat., 1881, p. 1019. — »

## 293. †**Sinopa,** Leidy, 1871.

*Stypolophus,* Cope, 1872; *Prototomus,* Cope, 1874; *Limnocyon,* Marsh, 1872; *Triconodon,* p. Cope, 1872.

1349. †**rapax,** Leidy, Ann. Rep. Geol. Surv., 1871, p. 355; Contrib. Ext. Fauna West. Territ., 1873, p. 116, pl. 6, fig. 44; Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 310. — †Eocaen. Amer. Sept., Wyoming (Bridger).

1350. †**verus,** Marsh, Amer. Journ. Sc., IV, 1872, p. 126; Scott, l. c., 1892, p. 310. — †Eocaen. Wyoming, (Bridger).

1351. †**agilis,** Marsh, l. c., 1872, p. 204. — †Eocaen. Wyoming.

1352. †**pungens,** Cope, Proc. Am. phil. Soc., 1872, p. 466; Tert. Vert., 1884, p. 291, pl. 24, fig. 8. — †Eocaen. Wyoming.

1353. †**insectivorus,** Cope, l. c., 1872, p. 469; Tert. Vert., p. 290, pl. 24, fig. 10, 11. — †Eocaen. Wyoming.

1354. †**brevicalcaratus.** Cope, l. c., 1872, p. 459; Tert. Vert., p. 291, pl. 24, fig. 9. — †Eocaen. Wyoming.

1355. †**aculeatus,** Cope, l. c., 1872, p. 460 (Triconodon); Rep. Survey West 100 Merid., 1877, part 2, p. 112; Tert. Vert., 1884, p. 299, pl. 24 et 27. — †Eocaen. Nov.-Mexico (Wasatch).

1356. †**viverrinus.** Cope, Rep. Vert. foss. New-Mexico, 1874, p. 13; Final Report Survey West 100 Merid., 1877, p. 112, pl. 38. — †Eocaen. N.-Mexico.

1357. †**secundarius.** Cope, Syst. Cat. Vert. foss. N.-Mexico, 1875, p. 9; Final Report, l. c., 1877, p. 115. — †Eocaen. N.-Mexico.

1358. †**multicuspis,** Cope, Syst. Cat., l. c., 1875, p. 10; Final Report, l. c., 1877, p. 116, pl. 39, fig. 12—14. — †Eocaen. N.-Mexico.

1359. †**strenuus**, Cope, Syst. Cat., l. c., 1875, p. 10; Final Report, l. c., 1877, p. 117, pl. 39, fig. 11; Am. Nat., 1880, p. 746. — † Eocaen. Amer. sept. (Wasatch).

1360. †**hians**, Cope, Rep. Surv. West 100 Mer., 1877, p. 118, pl. 38, fig. 12—20; Scott. Proc. Ac. Phil., 1892, p. 310. — † Eocaen. N.-Mexico.

1361. †**Whitiae**, Cope, Tert. Vert., 1884, p. 292, pl. 25, b, fig. 8—14; Am. Nat., 1884, p. 347, fig. 13. — † Eocaen. Wyoming (Bridger).

*strenuus*, p., Cope, Bull. Geol. Surv., 1881, p. 192 (nec 1875). — »

1362. †? **palaeonictides**, Lemoine (Proviverra). Bull. Soc. Hist. Nat. Reims, 1881, p. 8. — † Eocaen. inf. Gallia orient.

1363. †? **sp.**, Rütimeyer (Stypolophus), Abh. Schweiz. Pal. Ges., XVIII, 1891, p. 104, pl. VII, fig. 10, 11. — † Eocaen. Helvetia (Egerkingen).

### 294. †**Protoproviverra**, Lemoine, 1891.

1364. †**Pomelii**, Lem., Bull. Soc. Géol., XIX, 1891, p. 272, pl. X, fig. 10. — † Eocaen. inf. Gallia orient.

### 295. †**Proviverra**, Rütimeyer, 1862.

*Sinopa*, p., Osborn, Scott et Speir (nec Leidy).

1365. †**typica**, Rüt., Eoc. Säug., 1862, p. 60, pl. V, fig. 82—85; Schlosser, Beit. Pal. Öst.-Ung., 1887, p. 214, pl. V; Rütim., Abh. Schweiz. pal. Ges., XVIII, 1891, p. 102, pl. VII, fig. 2—7. — † Eocaen. Helvetia et Gallia orient.

1366. †**americana**, Scott, Proc. Acad. Nat. Sc. Philad., 1892, p. 311. — † Eocaen. America Sept.

*rapax*, Osborn, Scott et Speir (Sinopa). Princeton Expedition (nec Leidy). — »

### 296. †**Cynohyaenodon**, Filhol, 1872.

*Proviverra*, p., Filhol (anteà).

1367. †**Cayluxi**, Filhol, Ann. Sc. Géol., III, 1872, p. 15, pl. 14, fig. 11—13; VII, 1876, fig. 94—96; VIII, 1877, fig. 199—208; Schlosser, Beit. Pal. Ö.-Ung., 1887, p. 217, pl. VII, fig. 17. — † Eocaen. Gallia merid.

1368. †**minor**, Filhol, Ann. Sc. Geol., l. c., 1877, p. 28, fig. 197, 198; Schlosser, l. c., 1887, p. 216. †Eocaen. Gallia merid.

### 297. †**Galethylax**, Gervais, 1859.

1369. †**Blainvillei**, Gerv., Zool. et Pal. Franç., 1859, pl. XLV, fig. 2 (= ? *Cynohyaenodon minor*, Filh.); Schlosser, l. c., 1887, p. 217. †Eocaen. Gallia merid.

### 298. †**Quercytherium**, Filhol, 1880.

1370. †**tenebrosum**, Filhol, Bull. Soc. Sc. Nat. Toul., V, 1880, p. 48, pl. 4; Ann. Soc. Sc. Toul., 1882, p. 30, pl. IV, fig. 13—14; Bull. Soc. Philom., 1891—92, p. 135, fig. 1—3; Rütimeyer, Abh. Schweiz. pal. Ges., XVIII, 1891, p. 106. †Eocaen. Gallia merid. et Helvetia.

### 299. †**Didelphodus**, Cope, 1882.

*Deltatherium*, p., Cope, 1881.

1371. †**absarokae**, Cope, Am. Nat., 1881, p. 669; Tert. Vert., 1884, p. 284, pl. 24, e, fig. 13; Schlosser, Beit. Pal. O.-Ung., 1887, p. 214. †Eocaen. America Sept., Wyoming (Wasatch).

### 300. †**Prorhyzaena**, Rütimeyer, 1891.

1372. †**Egerkingiae**, Rüt., Abh. Schweiz. pal. Ges., XVIII, 1891, p. 105, pl. VII, fig. 8. †Eocaen. Helvetia.

### 301. †**Thylacomorphus**, Filhol, 1877.

1373. †**cristatus**, Filhol, Ann. Sc. Géol., VIII, 1877, p. 1; Schlosser, Beit. pal. Est.-Ung., 1887, p. 223. †Eocaen. Gallia merid.

## Familia VI. †**Palaeonictidae.**

### 302. †**Palaeonictis**, Blainv., 1841.

*Viverra*, p., Blainv.

1374. †**gigantea**, Blainv., Ostéog., G. Viverra, 1841, p. 76, pl. 13; Gervais, Zool. et Pal. Franç., 1859, pl. 25, fig. 11, 12, Schlosser, Beitr. Pal. Est.-Ung., 1887, p. 212. †Eocaen. Gallia orient. (Oise, Aisne).

1375. †**occidentalis**, Osborn, Bull. Am. Mus. Nat. Hist., IV, 1892, p. 104, pl. IV; Scott, Proc. Ac. Philad., 1892, p. 312. — †Eocaen. America Septent. (Wasatch).

### 303. †**Ambloctonus**, Cope, 1875.

1376. †**sinosus**, Cope, Syst. Cat. Vert. Eoc. New.-Mexico, 1875, p. 7. 8; Report Survey West 100 Merid., 1877, p. 91, pl. 33; Am. Nat., 1884, p. 262, fig. p. 257; Osborn, Bull. Am. Mus., 1892, p. 106, fig. 8; Scott, Proc. Ac. Phil., 1892, p. 313. — †Eocaen. Nov.-Mexico (Wasatch).

### 304. †**Patriofelis**, Leidy, 1871.

*Limnofelis* et *Oreocyon*, Marsh, 1872.

1377. †**ulta**, Leidy, Ann. Rep. Geol. Surv., 1871, p. 355; Contr. Ext. Fauna West. Terr., 1873, p. 114, pl. 2, fig. 10, pl. 6, fig. 20; Osborn, Bull. Am. Mus., 1892, p. 97, fig. 4; Scott, Proc. Ac. Philad., 1892, p. 313. — †Eocaen. Wyoming (Bridger).

*latidens*, Marsh, Am. Journ. Sc., IV, 1872, p. 203. »

1378. †**ferox**, Marsh, Am. Journ. Sc., IV, 1872, p. 202; Wortmann, Bull. Am. Mus., VI, 1894, p. 129, fig. 1—5 et pl. I. — †Eocaen. Wyoming (Bridger).

1379. †**Leidyanus**, Osborn, Bull. Am. Mus., 1892, p. 98, fig. 5; Scott, l. c., 1892, p. 313. — †Eocaen. Wyoming (Bridger).

## Familia VII. †**Hyaenodontidae.**

### 305. †**Oxyaena**, Cope, 1874.

1380. †**morsitans**, Cope, Rep. Vert. foss. N.-Mexico, 1874, p. 12; Rep. Surv. West 100 Merid., 1877, p. 98, pl. 34, fig. 1—13, 35, fig. 1—5; Amer. Nat., 1884, p. 257, fig. 8; Scott, Proc. Ac. Philad., 1892, p. 315. — †Eocaen. Nov.-Mexico (Wasatch).

1381. †**lupina**, Cope, Rep. Vert., l. c., 1874, p. 11; Rep. Surv., l. c., 1877, p. 101, pl. 34, fig. 14—37, 35, fig. 1—5; Am. Nat., 1884, p. 257, fig. 9; Osborn, Bull. Am. Mus., IV, 1892, p. 108, fig. 9. — †Eocaen. N.-Mexico.

1382. †**forcipata**, Cope, Rep. Vert., l. c., 1874, p. 12; Rep. Surv., l. c., 1877, p. 105, pl. 35, fig. 7—12; 36, 37, fig. 1—5; Tert. Vert., 1884, p. 318, pl. 24, c, fig. 11—16, 24, d, fig. 1—18; Osborn, Bull. Am. Mus., 1892, p. 109. — †Eocaen. N.-Mexico.

1383. †**Galliae**. Filhol, Bull. Soc. Philom., 1882, VI, p. 120; Bull. Soc. Sc. Nat. Toulouse (1880), V, 1882, p. 32; Ann. Soc. Toul., 1884, p. 23, pl. VII, fig. 6, 7; Schlosser, Beitr. Pal. Öst.-Ung., 1887, p. 205; 1889, p. 70; Lydekker, Cat. foss. Mam. Brit. Mus., I, 1885, p. 35, fig. 3. — †Eocaen. Gallia merid. (Quercy).

## 306. †**Protopsalis**, Cope, 1880.

1384. †**tigrinus**, Cope, Am. Nat., 1880, p. 745; Bull. Geol. Surv., 1881, p. 193; Tert. Vert., 1884, p. 322, pl. 25, b, fig. 1—7; Am. Nat., 1884, p. 482, fig. 27; Scott, Journ. Ac. Philad., IX, 1886, p. 174; Schlosser, Beit. Pal. O.-Ung., 1887, p. 210; Scott, Proc. Ac. Phil., 1892, p. 316. — †Eocaen. Wyoming (Bridger).

## 307. †**Hemipsalodon**, Cope, 1885.

1385. †**grandis**, Cope, Am. Nat., 1885, p. 163; Geol. Survey Canada, Pal., III, 1891, p. 6, pl. 2 et 3; Scott, Proc. Ac. Phil., 1892, p. 317. — †Miocaen. Canada.

## 308. †**Pterodon**, Blainv., 1839.

*Hyaenodon*, p., Pictet.

1386. †**dasyuroïdes**. Blainv., Ann. Franç. et Etr. d'Anat. et Phys., III, 1839, p. 23; Gerv., Zool. et Pal. fr., 1859, p. 236, pl. 26, fig. 7—9, pl. 28, fig. 15; Filhol, Ann. Sc. Géol., VII, 1876, p. 214, pl. 33, fig. 164—166; 34, fig. 188; Bull. Soc. Toulouse (1880), 1882, V, p. 43, pl. 2, 3; Ann. l. c., 1884, p. 22, pl. 5, 6; Schlosser, Beit. Pal. O.-Ung., 1887, p. 197, pl. 5; 1889, p. 70; Rütimeyer, Abh. Schweiz. pal. Ges., XVIII, 1891, p. 99, pl. VII, fig. 16. — †Eocaen. Gallia et Helvetia.

*parisiensis*, Blainv., Ostéog., G. Subursus, p. 48, pl. 12; »Thylacine des platrières«, Cuv., Oss. foss., 1825. †Eocaen. Gallia et Helvetia.

?*Cuvieri*, Pomel, 1846. »

1387. †**magnus**, Rütim., Abh. Schweiz. pal. Ges., XVIII, 1891, p. 99, pl. VII, fig. 17. †Eocaen. Helvetia.

1388. †**Coquandi**, Pomel, Cat. Meth. Vert. foss. Allier, 1851, p. 117. †Eocaen. Gallia.

1389. †**biincisivus**, Filhol, Ann. Sc. Géol., VII, 1876, p. 218, pl. 36, fig. 184—187; Bull. Soc. Toul. (1880), 1882, V, p. 43; Schlosser, Beitr. pal. O.-Ung., 1887, p. 198, pl. 5. †Eocaen. Gallia.

1390. †**Quercyi**, Filh., Bull. Soc. Sc. Nat. Toul. (1880), 1882, V, p. 44; Schlosser, l. c., 1887, p. 198. †Eocaen. Gallia.

### 309. †**Pseudopterodon**, Schlosser, 1887.

1391. †**ganodus**, Schloss., Beitr. pal. Öst.-Ung., VI, 1887, p. 201, pl. V; VIII, 1889, p. 71. †Eocaen. Gallia merid.

### 310. †**Apterodon**, Fischer, 1880.

*Dasyurodon*, Andreae, 1887.

1392. †**Gaudryi**, Fischer, Bull. Soc. Géol., VIII, 1879—80, p. 288. †Eocaen. sup. Gallia merid. et Germania (Hessia).

*Flonheimensis*, Andr., Ber. Senck. Ges. Frankf., 1887, p. 125, pl. IV; Schlosser, Beit. pal. O.-Ung., 1887, p. 223.

### 311. †**Thereutherium**, Filhol, 1877.

1393. †**thylacodes**, Filhol, Ann. Sc. Géol., VIII, 1877, p. 222, fig. 189—196; Schlosser, Beit. pal. O.-Ung., 1887, p. 203, pl. IV et V. †Eocaen. sup. Gallia merid. (Quercy).

### 312. †**Hyaenodon**, Laizer et Parieu, 1838.

*Taxotherium*, Blainv., 1841; *Pterodon*, p., Pomel; *Nasua*, p. v. Meyer.

1394. †**brachyrhynchus**, Blainv., Ostéog. G. *Canis*, 1842, p. 113; Pomel, Bull. Soc. Géol., 1846, IV, p. 392; Cuv., Oss. foss. III, p. 271, pl. 69, fig. 2—4; Gervais, Zool. et Pal. fr., 1859, p. 233, pl. 25, fig. 8; Filhol, Ann. Soc. Sc. Toulouse, 1882, p. 9, pl. I; 1884, p. 18, pl. III, IV; Schloss., Beit. pal. O.-Ung., 1887, p. 183; 1889, p. 71. †Eocaen sup. Gallia.

*parisiense*, Blainv. (ex Cuv., l. c.): v. Meyer; Laurillard. — †Eocaen. sup. Gallia.

*Requieni*, Gervais, C.-R. Ac. Sc., 1846, XXII, p. 846; Zool. et Pal. fr., 1848, I, p. 129 (partim. fide Schlosser, 1887). — »

1395. †**Schlosseri**, Rütim., Abh. Schw. pal. Ges., XVIII, 1891, p. 100, pl. VII, fig. 13, 14. — †Eocaen. sup. Helvetia.

1396. †**Heberti**, Filhol, Bull. Soc. Philom., 1874, XI, p. 16; Ann. Sc. Géol., VII, 1876, p. 191, pl. XXXII, fig. 157, 160. — †Eocaen. sup. Gallia merid.

1397. †**sp.**, Schlosser, Beit. pal. Est.-Ung., 1887, p. 182, pl. IV. — †Eocaen. sup. Gallia.

1398. †**Requieni**, Gerv., C.-R. Ac. Sc., XXII, 1846, p. 846; Zool. et Pal. Franç., 1e Ed., 1852, p. 129; 2e Ed., 1859, pl. 11, 12, 25; Filhol, Annal. Sc. Géol., III, 1872, fig. 36—38; VII, 1876, p. 194. — †Eocaen. sup. Gallia.

1399. †**Aymardi**, Filhol, Ann. Sc. Géol., XII, 1883, p. 48, pl. VII, fig. 22bis. — †Eocaen. sup. Gallia.

1400. †**minor**, Gerv., Zool. et Pal. fr., 1e Ed., 1852, p. 129; 2e Ed., 1859, pl. 25; Lydekker, Cat. Foss. Mam. Brit. Mus., 1885, I, p. 25. — †Eocaen. Gallia et Ins. Britannia.

1401. †**Cayluxi**, Filhol, Ann. Sc. Géol., VII, 1876, p. 205, pl. XXXI, fig. 147—149 et 154—156. — †Eocaen. sup. Gallia.

1402. †**dubius**, Filhol, Ann. Sc. Géol., III, 1872, p. 29, pl. XVII, fig. 36—41; VII, 1876, p. 198, pl. XXXV, fig. 178, 182 et 183. — †Eocaen. sup. Gallia.

1403. †**Laurillardi**, Pomel, Catal. Méthod., 1853, p. 115; Filhol, Bull. Soc. Philom., VI, 1882, p. 122. — †Eocaen. sup. et Miocaen. inf. Gallia.

*a.* *vulpinus*, Gervais, Journ. Zool., II, 1873, p. 374, pl. XVI, fig. 3—5; Filhol, Ann. Sc. Géol., VII, 1876, p. 209, pl. XXII, fig. 79, 80; XXXI, fig. 150—153; XXXIV, fig. 168—175; Lydekker, Cat. foss. Mamm. Brit. Mus., 1885, p. 28. — »

*exiguus*, Gervais, Zool. et Pal. Gén., II, p. 52, pl. XIII, fig. 1—4. — »

1404. †**Filholi,** Schlosser, Beitr. Pal. (Est.-Ung., VI, 1887, p. 189.
*vulpinus*, p., Filhol, Ann. Sc. Géol., 1876, pl. XXXIV, fig. 167. — †Eocaen. sup. Gallia.

1405. †**compressus,** Filhol, Ann. Sc. Géol., VII, 1876, p. 201, pl. XXXIII, fig. 161—163. — †Eocaen. sup. Gallia.

1406. †**leptorhynchus,** Laiz. et Parieu, C.-R. Acad. Sc., 1838, VII, p. 442; Ann. Sc. Nat., 1839, p. 27; Gerv., Zool. et Pal. fr., 1859, p. 233, pl. XXV, fig. 10; Filhol, Ann. Sc. Géol., 1876, p. 180, pl. XXIX, fig. 143, XXX, fig. 144—146. — †Miocaen. inf. Gallia et Germania.

1407. †**sp.,** Osborn, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 78, fig. 3. — †Eocaen. sup. America sept. (Uinta, Utah).

1408. †**horridus,** Leidy, Proc. Acad. Philad., 1853, p. 392; Ext. Mam. Dakota and Nebraska, 1869, p. 39, pl. III; Cope, Tert. Vert., 1884, pl. 67, a, fig. 1; Scott, Journ. Acad. Philad., IX, 1886, p. 175, pl. VII, fig. 4—6. — †Miocaen. America sept.

1409. †**crucians,** Leidy, Ext. Mam., l. c., 1869, p. 48, pl. V; Osborn et Wortman, Bull. Am. Mus. Nat. Hist., VI, 1894, p. 224. — †Miocaen. America sept.

1410. †**paucidens,** Osb. et Wortm., Bull. Am. Mus. Nat. Hist., VI, 1894, p. 223. — †Miocaen. America sept.

1411. †**cruentus,** Leidy, Ext. Mam. Dak. and Nebraska, 1869, p. 47, pl. IV, fig. 10, 11; Scott, Journ. Ac. Philad., 1886, p. 175, pl. VI, fig. 2. — †Miocaen. America sept.

1412. †**leptocephalus,** Scott. Journ. Ac. Nat. Sc. Philad., 1886, p. 175. — †Miocaen. America sept.

## Familia VIII. †**Miacidae.**

### 313. †**Didymictis,** Cope, 1875.

*Limnocyon*, p. Cope (nec Marsh), 1874.

1413. †**Haydenianus,** Cope, Proc. Am. Phil. Soc., 1882, p. 464; Tert. Vert., 1884, p. 306, pl. 23, e; Am. Nat., 1884, p. 484, fig. 30; Scott, Proc. Ac. Philad., 1892, p. 320. — †Eocaen. inf. Nov.-Mexico (Puerco).

1414. † **primus,** Cope, Proc. Am. phil. Soc., 1883, p. 309; Am. Nat., 1884, p. 484. — † Eocaen. inf. Nov.-Mexico.

1415. † **protenus,** Cope, Report Vert. foss. New-Mexico, 1874, p. 15; Rep. Survey West 100 Merid., 1877, p. 123, pl. 39; Tert. Vert., 1884, p. 311, pl. 25, d, fig. 4, 5. — † Eocaen. Nov.-Mexico (Wasatch).

1416. † **leptomylus,** Cope, Am. Nat., 1880, p. 908; Bull. Geol. Surv., VI, 1881, p. 191; Tert. Vert., 1884, p. 309, pl. 25, a, 25 d. — † Eocaen. Wyoming (Bridger).

1417. † **Dawkinsianus,** Cope, Bull. U. S. Geol. Surv., VI, 1881, p. 191; Tert. Vert. 1884, p. 310, pl. 25, a; Am. Nat., 1884, p. 484, fig. 30. — † Eocaen. Wyoming.

1418. † **massetericus,** Cope, Proc. Am. phil. Soc., 1881, p. 159; Tert. Vert., 1884, p. 312, pl. 24, e; Am. Nat., 1884, p. 484, fig. 29. — † Eocaen. Wyoming.

1419. † **curtidens,** Cope, Proc. Am. phil. Soc., 1882, p. 160; Tert. Vert., 1884, p. 313, pl. 24, d. — † Eocaen. Wyoming.

1420. † **altidens,** Cope, Am. Nat., 1880, p. 746; Bull. Geol. Surv., VI, 1881, p. 190; Tert. Vert., 1884, p. 307, pl. 25, a; Scott, Journ. Ac. Philad., IX, 1886, p. 169. — † Eocaen. Wyoming.

## 314. † **Miacis,** Cope, 1872.

*Uintacyon,* Leidy, 1872; *Viverravus,* p., Cope (nec Marsh); *Amphicyon,* p., Scott et Osb.; *Vulpavus,* Marsh, 1871, etc.

1421. † **parvivorus,** Cope, Proc. Am. phil. Soc., 1872, p. 472; Tert. Vert., 1884, p. 304, pl. 24, fig. 12; Scott, Proc. Ac. Philad., 1892, p. 320. — † Eocaen. Wyoming (Bridger).

1422. † **edax,** Leidy, Proc. Acad. Philad., 1872, p. 277; Contrib. Ext. Faun. West. Territ., 1873, p. 118, pl. 27, fig. 6—10. — † Eocaen. Wyoming.

1423. † **vorax,** Leidy, Proc. Acad. Philad., 1872, p. 277; Contrib., l. c., 1873, p. 120, pl. 27, fig. 11—13. — † Eocaen. Wyoming.

1424. † **bathygnathus.** Scott, Journ. Acad. Nat. Sc. Philad., 1886, IX, p. 172. — † Eocaen. Wyoming.

1425. †**canavus,** Cope, Bull. U. S. Geol. Surv., VI. 1881, p. 189; Tert. Vert., 1884, p. 302; Osborn, Bull. Am. Mus. Nat. Hist., IV, 1892, p. 111. — †Eocaen. Wyoming.

1426. †**brevirostris,** Cope, Bull. Geol. Surv., 1881, p. 190; Tert. Vert., 1884, p. 303, pl. 24, d, fig. 12. — †Eocaen. Wyoming.

1427. †**vulpinus,** Scott et Osborn, Proc. Am. phil. Soc., XXIV, 1887, p. 255; Mam. Uinta-Form., 1889, p. 473. — †Eocaen. (Utah, Uinta).

1428. †**uintensis,** Osborn, Bull. Am. Mus. Nat. Hist., VII, 1895, p. 77, fig. 2. — †Eocaen. (Uinta).

1429. †?**vetus,** Marsh, Am. Journ. Sc. and Art., IV, 1872, p. 126 (Limnoc.). — †Eocaen. Wyoming (Bridger).

1430. †?**agilis,** Marsh, Am. Journ., l. c., IV, 1872, p. 204 (Limnocyon); Schloss., Beitr. pal. Œst.-Ung., VIII, 1889, p. 62—64. — †Eocaen. Wyoming.

1431. †?**palustris.** Marsh, Am. Journ., l. c., II. 1871, 2, p. 124 (Vulpavus); Schlosser, l. c., VIII, 1889, p. 62. — †Eocaen. Wyoming.

1432. †**sp.,** Lemoine, Bull. Soc. Hist. Nat. Reims, 1881, p. 10. — †Eocaen. Gallia orient.

1433. †**exilis,** Filhol, Ann. Sc. Géol., VII, 1876, p. 139, fig. 97—101 (Cynodictis); Gaudry, Enchainements, Mam., p. 215, fig. 283; Schlosser, l. c., 1889, p. 56. — †Eocaen. Gallia merid. (Quercy).

### 315. †**Viverravus,** Marsh, 1872.

*Limnocyon,* p. et *Miacis,* p., Marsh.

1434. †**gracilis,** Marsh, Am. Journ. Sc., IV, 1872, p. 128; Schloss., Beit. pal. O.-Ung., VIII, 1889, p. 63; Scott, Proc. Ac. Philad., 1892, p. 321. — †Eocaen. Wyoming (Bridger).

1435. †**nitidus,** Marsh, Am. Journ., l. c., 1872, p. 205. — †Eocaen. Wyoming.

1436. †**riparius,** Marsh, Am. Journ., l. c., 1872, p. 203; Schloss., l. c., 1889, p. 63. — †Eocaen. Wyoming.

### 316. †**Thinocyon,** Marsh, 1872.

*Miacis,* p. Marsh.

1437. †**velox,** Marsh, Am. Journ. Sc. and Arts, IV, 1872, p. 204; Schlosser, l. c., VIII, 1889, p. 63; Scott. Proc. Ac. Philad., 1892, p. 321. — †Eocaen. Wyoming (Bridger).

**Incertae sedis.**

### 317. †**Paradoxodon,** Scott, 1892.

*Chriacus,* p., Cope, 1888.

1438. †**Rütimeyeranus,** Cope, Synops. Puerco Serie, 1888, p. 340; Scott, Proc. Ac. Philad., 1892, p. 323. — †Eocaen. Nov.-Mexico (Puerco).

### 318. †**Carcinodon,** Scott, 1892.

*Mioclaenus,* p., Cope, 1888.

1439. †**Filholianus,** Cope, Synops. Puerco Serie, 1888, p. 329; Scott, Proc. Ac. Philad., 1892, p. 323. — †Eocaen. N.-Mexico.

### 319. †**Harpalodon,** Marsh, 1872.

1440. †**sylvestris,** Marsh, Am. Journ. Sc., IV, 1872, p. 216. — †Eocaen. Wyoming.

1441. †**vulpinus,** Marsh, Am. Journ., 1872, p. 217; Schlosser, Beit. pal. O.-Ung., VIII, 1889, p. 64. — †Eocaen. Wyoming.

### 320. †**Ziphacodon,** Marsh, 1872.

1442. †**rugatus,** Marsh, Am. Journ., 1872, p. 216. — †Eocaen. Wyoming.

### 321. †**Tricuspiodon,** Lemoine, 1884.

1443. †**Rütimeyeri,** Lem., Bull. Soc. Géol., XIII, 1884—85, p. 205, pl. XII, fig. 44; XIX. 1891, p. 272, pl. X, fig. 6—9. — †Eocaen. Gallia orient.

### 322. † **Argillotherium,** Davies, 1884.

1444. † **toliapicum,** Davies, Geol. Mag., I, 1884, p. 438. — † Eocaen. Ins. Britannia.

## Subordo II. **Carnivora Vera** seu *Fissipedia.*

Index Bibliographicus.

1869. **J. E. Gray,** Catalogue of Carnivorous, Pachydermatous and Edentate Mammalia in Brit. Mus., 1869.

1895. **R. Lydekker,** Carnivora (Vol. I: *Cats*, etc., id est: *Felidae* et *Viverridae*). in Allen's Library.

Distributio Geographica.

1893. **Carl Grevé,** Die Geographische Verbreitung der jetzt lebenden Raubthiere (Nova Acta K. Leop.-Carol. Deutsch. Akad. Naturf. zu Halle. Band LXIII N° 1).

Zoologia et Palaeontologia.

1895. **H. Winge,** Jordfundne . . . *(Carnivora),* fra Brasilien, cum Appendice de Classificatione, etc. p. 43–103 (E Museo Lundii, 1895).

## Familia I. **Ursidae.**

### Subfam. 1. **Ursinae.**

### 323. **Ursus,** L., 1766.

1850. — **Middendorff,** Verhandl. Mineral. Ges. St Petersburg. 1850–51, p. 74.
id., Reise in Nord und Ost Siberia, Zool., 1853.
1864. — **Gray,** P. Z. S., 1864, p. 679.
1889. — **Schäff,** Archiv. für Naturg., 1889, I, p. 244.
1894. — **Brown,** Proc. Acad. Nat. Sc. Philad., 1894, p. 119.
1896. — **Merriam,** Proc. Biol. Soc. Washington, VIII, 1896, p. 147.

#### A. **Thalassarctos,** Gray, 1825.

1445. **maritimus,** Desm., Mam., 1820, p. 165; Schreb., Säug., p. 513, pl. 141; F. Cuv., Mam., pl. 219; Blainv., Ostéog., G. Ursus, pl. 1—5. — Regionibus arcticis orbis: Europa, Asia, Japon et America, Groënland, Spitzberg, Nova-Zemlia, etc.

*marinus,* Pall., Reis., III, p. 691. — »

*polaris,* Shaw, Mus. Lev., I, p. 7, pl. II. — »

*albus,* Briss., Regn. Anim., p. 260. — »

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| †*fossilis*, Zimm., Jahrb. Mineral., 1845, p. 73; Caste, Journ. Geol. Soc. Dublin, X, 1864, p. 114; Brandt-Woldrich, Mem. Acad. Petersb., 1887, p. 49. | † Pleistocaen. Europa central., Rossia, Germania. |

B. **Ursus**, p. d.

*Danis*, Gray, 1825. † *Spelaearctos*, Geoff., 1836; *Myrmarctos*, Gray, 1864; *Euarctos*, Gray, 1864.

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| 1446. † **spelaeus.** Rosenmull., Oss. Foss. Anim., 1794, p. 18; G. Cuv., Oss. Foss., IV, 1812, pl. 20, 21, 27 bis; Blainv., Ost., G. Ursus, p. 53; Gerv., Zool. et Pal. Gén., 1867, pl. XI; Nehring, Tundren und Steppen, 1890, p. 196. | † Pleistocaen. Europa et Asia sept. |
| *arctoïdeus*, Blum.; Cuv., Oss. foss., IV, pl. 24, 27 bis (juv.). | » |
| *formicatus, giganteus, leodiensis, magnus* et *minutus*, Schmerling. | » |
| *planus*, Oken; *dentifricius*, Meyer; *ferreo-jurassicus*, Jaeger; *metopoleianus* et *Pittorei*, Serres. | » |
| *neschersensis*, Croiz. et Job.; *Gaudryi*, Filhol. | » |
| *a.* — Var. *minor*, Gaudry, Mat. Hist. Temps Quatern., IV, 1892, p. 108, pl. XX—XXII. | † Pleistocaen. Gallia merid. |
| *b.* — *Lartetianus* et *Letourneuxianus*, Bourg., Notice *Ursidae*, 1868, p. 2; Hist. Djebel-Thaya, 1870, p. 40, 45, pl. 12 (mas.), 2—4 (faem. vel juv.). | † Pleistocaen. Algeria. |
| 1447. † **priscus**, G. Cuv., Rech. Oss. Foss., 1823, IV, pl. XXVII bis, fig. 5, 6; Gerv., Zool. et Pal. Gén., I, p. 247; Brandt-Woldrich, Mém. Acad. Petersb., XXXV, 1887, p. 46. | † Pleistocaen. Europa, Anglia, Gallia merid., Gibraltar. |
| *fossilis*, Goldfuss, Nov. Act. Leop., 1821, X, 2, p. 259. | » |
| *planifrons*, Denny, P. Geol. S. W. R. Yorks., 1864. | » |
| *Bourguignati*, Lartet, Ann. Sc. Nat., 1867, VIII, p. 161. | » |
| *horribilis fossilis*, Lydekk., Cat. Foss. Mam. Brit. Mus., 1885, I, p. 166. | » |
| *ferox fossilis*, Busk, Trans. Zool. Soc., X, p. 60, pl. VI. | » |

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| 1448. **arctos**, L., Syst. Nat., Ed. XII, 1766, I, p. 69; Blainv., Ost. G. Ursus, pl. 6, 7; Nilsson, Skand. Faun., 1847, pl. 23; Blanf., Mamm. Ind., 1888, p. 194; Schäff, Arch. Naturg., 1889, I, p. 244, pl. XIII et XIV. | Europa et Asia Septent., in Montibus, a Scandinavia ad Hispaniam et a Siberia ad M$^{s}$ Himalaya, Afghanistan, Kashmir, Nipal, Gilgit, China, Thibet, Japon sept. (Yeso, Karafto, Nipon). |
| *alpinus*, *norwegicus*, *niger*, *pyrenaïcus*, F. Cuv., Mam., pl. 209—211. | » |
| *sibiricus*, F. Cuv., Mam., pl. 212. | » |
| *cadaverinus*, *formicarius* et *longirostris*, Eversm., Bull. Nat. Moscou, 1840, p. 8, pl. I. | » |
| *falcularis*, Reich.; *Eversmanni*, part., Gray. | » |
| *euryrhinus*, Nilss., Scand. Dagg., 1847, p. 212. | » |
| † *arctos fossilis*, Gerv., Zool. et Pal. Franç., 1852, p. 205; Brandt-Woldrich, Mém. Acad. Petersb., 1887, p. 47. | † Pleistocaen. Europa et Asia, Malta. |
| *a.* — Var. *collaris*, F. Cuv., Mam., 1825, pl. 213; Schrenck, Reis. Amur-Land, I, Säug., 1858, p. 7. | M$^{s}$ Ural, Siberia, Batang, Tengri-Noor. |
| *b.* — Var. *meridionalis*, Middendorff, Ueb. Thierw. Sib., 1867 74; Satunin, Zool. Jahrb., 1896, p. 292. | M$^{s}$ Caucasus, Siberia merid. |
| *c.* — *piscator*, Pucher., Rev. et Mag. Zool., 1855, p. 392; Sclater, P. Z. S., 1867, fig. p. 817. | Kamtschatka. |
| *arctos*, Var., Is. Geoff., Voy. Vénus, Zool. pl. 4. | |
| *lasiotus*, Gray, Ann. Nat. Hist., 1867, XX, p. 301; Cat. Carniv., 1869, p. 223. | China sept. |
| *d.* — Var. *beringiana*, Middend., Sib. Reise, I, p. 53, 74, tab. I, fig. 1—6; Schrenk, Reis. Amurland., I, p. 11, 13, 16. | Kamtschatka, Reg. Amour, Japon sept. |
| *ferox*, Temm., Faun. Japon, 1850 (nec Lewis, nec Clark). | » |
| *Eversmanni*, Gray, Cat. Carn., 1869, p. 232 (partim). | » |
| 1449. **Middendorffi**, Merriam, Proc. Biol. Soc. Washington, X, 1896, p. 69, pl. IV, 2, 3; V, 2; VI, 2; fig. 7, p. 70. | America Sept. Occident.: I. Kadiak (Alaska). |

1450. **Dalli,** Merriam, Proc. Biol. Soc. Washington, X, 1896, p. 71, pl. V, 1; VI, 5; fig. 8, 9, p. 72. — Alaska, Yakutat Bay, (St Elias Alps).

1451. **sitkensis,** Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 73, pl. IV, 1; V, 3. — Alaska, Sitka et Ins. vicinis.

1452. **isabellinus,** Horsf., Linn. Trans., 1827, XV, p. 332; Adams, Blyth, Jerdon; Lydekker, J. A. S. B., XLVI, part 2, p. 285; Scully, P. Z. S., 1881, p. 203; W. Sclater, Cat. Mam. Ind. Mus. Calc., 1891, p. 302. — Ms Himalaya, Afghanistan, Kashmir, Nipal, Thibet, Gilgit, Ladak merid., Assam.

*a.* — Var. *syriacus*, Hempr. et Ehrenb., Symb. Phys. 1828, I, pl. 1; Grevé, Nova Acta Ac. Leop., 1895, p. 225 et 235; Satunin, Zool. Jahrb., 1896, p. 292. — Caucasus, Syria, Ms Libanon, Taurus, Persia, Chorassan, Afghanistan.

*arctos albus*, Gmel. et Auct. — »

*caucasicus*, Schrenck. — »

? *pruinosus*, Blyth, J. A. S. B., XXII, p. 589; W. Blanf., J. A. S. B., XLVI, 1878, part 2, p. 318. — Thibet Orient., Lhassa.

1453. **lagomyiarius,** Sewerzow, Fauna Turkestan., 1874; Prjewalski, Reis. Mongol., I, 1876; Third Journ. to Thibet, 1883, fig. p. 216. — Thibet sept., Ganzu, Lhassa, Kuku-Noor, Altaï, Kirghis (in sylvis).

1454. **thibetanus,** F. Cuv., Mam., 1824, pl. 213; G. Cuv., Oss. Foss., 1823, IV, p. 325 (note); Radde, Reise N.-Ost. Sib., Säug., 1862, p. 12; Blyth, Cat., p. 76; Lydekker, J. As. S. B., XLVI, part 2, p. 285; Horsf., Cat., p. 124; Adams, P. Z. S., 1858, p. 518. — Asia central. et Merid., ab Afghanistan (in Persiae limit. mont.), Beloutchistan, Ms Himalaya, (usque ad 4000 m.), a Kashmir, Khirthar, Bengal orient., usque ad Assam, Yunan, Birma et Mergui. China, Kuku-noor, Thibet! (Rupschu et Pangkong), Siberia merid.-orient., Ussuri, Amour, Ms Bureja, Tengrinoor.

*malayanus*, Hodgs., J. A. S. B., 1832, I, p. 340 (nec Raffles). — »

*torquatus*, Wagner, S. S. S., II, 1841, p. 144, pl. 141 D; Hugel, Kashmir, IV, p. 570; Blanf., J. A. S. B., XLVI, p. 320; Mam. Ind., 1888, p. 197. — »

*ferox*, Robins., Assam, 1841, p. 96. — »

*labiatus*, p., Blanf. (nec Blainv.), East. Persia, 1876, p. 47. — »

*ornatus*, Günther, P. Z. S., 1880, p. 443 (errore pro »*torquatus*«). — »

*gedrosianus*, W. Blanf., J. A. S. B., 1877, XLVI, 2, p. 317; P. A. S. B., 1879, p. 4. — »

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| | *formosanus*, Swinhoe, P. Z. S., 1864, p. 380. | Ins. Hainan et Formosa. |
| 1454[b]. | **leuconyx**, Severtzow, Nachr. Ges. Moscou, VIII, 1873, p. 79, pl. II; Turkest. jev., 1873, p. 80; Ann. Nat. Hist., 1876, XVIII, p. 43; Grevé, Nov. Act. Ac. Leop., 1895, p. 238. | Turkestan, Thibet, Gansu, Pamir (2000 ad 4000 m.), Syr-Daria ad L. Aral. |
| 1455. | **japonicus**, Schlegel, Handl. Beaef. Dierk. 1857, I, p. 42; Sclater, P. Z. S., 1862, p. 261, pl. XXXII; Günther, P. Z. S., 1880, p. 442; W. Sclater, Cat. Mam. Ind. Mus. Calc., 1891, p. 305. | Japon centr. et merid., Yeso, Echigo, Aidzu, Kotsuke. |
| | *thibetanus*, p., Temm. et Schleg., Fauna Jap., 1850, p. 29. | » |
| *a*. | †*japonico affinis*, Koken, Foss. Säug. China. 1885, p. 70, pl. I, fig. 4. | † Pliocaen. China. |

B. **Danis**, Gray, 1825 et 1864.

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| 1456. | **horribilis**, Ord, Isis, 1819, p. 107; Say, Long's Exped.; Baird, Mamm. N.-Am., 1857, pl. 41, 42; Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 74, pl. IV, 4; V, 4; VI, 1; fig. 10, p. 74. | America Sept. Occident.: Montana, Wyoming. |
| | *cinereus*, Desm., Mamm., 1820, p. 164; Gray, P. Z. S., 1864, p. 690. | » |
| | *griseus*, Desm., Dict. Hist. Nat., XXIV, p. 266. | » |
| | *ferox*, Is. Geoff., Dict. Class. H. Nat., XII, 1825, p. 521; Blainv., Ostéog., G. Ursus, pl. 2 et 6; Gray, Ann. Phil., LV, 1825; »Ours noir d'Amériq.«, Cuv., Oss. Foss., IV, p. 332, tab. 23, fig. 1, 2. | » |
| *a*. | — *alascensis*, Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 74. | Alaska. (Norton Sound). |
| *b*. | — *horriaeus*, Baird, Mam. N.-Am., 1857, pl. 80; Report Mexic. Bound. Surv., Mam., II, 1859, p. 24; Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 75, pl. IV, 5; V, 6; VI, 4; fig. 11, 13, 14, 15, p. 75 et seq. | Region. Sonora in merid. lat. Montium Saxosorum. Nov.-Mexico, Colorado, Arizona, Utah merid., California merid., Mexico. |

1457. **Richardsoni,** Mayne-Reid, The Grant Bear Hunt, Lond., 1860; Am. Ed., 1864, p. 260; Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 77. pl. IV, 6; V, 5; VI, 3; fig. 16, 17, p. 77. — America Boreali in »Toundras«, Hudson-Bay, flum. Mackensie.

C. **Euarctos,** Gray, 1864.

1458. **americanus,** Pallas, Spicil. Zool., fasc. XIV, 1780, p. 5; Schreb., Säug., pl. 141, B; F. Cuv., Mam., II, 1824; Ann. Mus., VII, p. 333, pl. 18, 21; Baird, Mam. N.-Am., 1857, p. 225, pl. 43, fig. 10—13; Gray, P. Z. S., 1864, p. 692; Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 79. — America Sept. Orientali: United States.

Var. *cinnamomeus,* Baird, Mam. N.-Am., 1857, p. 217, 228, pl. 79; Report Mexic. Bound. Survey, Mam., 1859, p. 29; Bachm., N.-Am. Journ., II, pl. 127; Gray, P. Z. S., 1864, p. 693. — Nov.-Mexico.

*a.* — Var. *Emmonsi,* Dall, Science, II, 1895, p. 87; Merriam, Proc. Biol. Soc. Wash., X, 1896, p. 82. — Alaska, S[t] Elias Alps (ad Yakutat Bay).

1459. **luteolus,** Griffith, Carniv. Anim., 1821, p. 236, pl. col.; Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 147 (partim; exclus. syn. »Ursus cinnamomeus« Aud. et Bachm.); X, 1896, p. 79. — Louisiana, Texas.

1460. **floridanus,** Merriam, Proc. Biol. Soc. Washington, X, 1896, p. 81. — Florida. (Key Biscayne).

1461. † **amplidens,** Leidy, Journ. Acad. Nat. Sc., 1856, pl. XVII, fig. 13—16. — † Pleistocaen. America sept.

D. **Helarctos,** Horsfield, 1825.

*Prochilus,* p., Gray, 1825 (nec Illig.)

1462. † **namadicus,** Falc. et Cautl., Pal. Mém., 1868, I, p. 552, pl. 26; Fauna Antiq. Sival., pl. 0; Lydekker, Mem. Geol. Surv. Ind., X, vol. II, part. 6, 1884, p. 39, pl. 28, 29. — † Pleistocaen. Asia Merid. India, Narbada.

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| 1463. **malayanus**, Raffles, Trans. Linn. Soc., 1822, XIII, p. 254; Horsf., Zool. Journ., II, 1825, p. 234, pl. VII; Zool. Res. Java, pl.; F. Cuv., Mam., pl. 214; Blanf., Mam. Brit. Ind., 1888, p. 199; Sclater, Cat. Mam. Ind. Mus. Calc., 1891, p. 304. | Indo-China. ? Birma, Pegu, Arakan, Chittagon, Garo Hills, Tenasserim, Malacca, Sumatra, Java, Borneo. |
| *eurypsilus*, Horsf., Zool. Journ., II, 1825. p. 234. | » |
| 1464. † **arvernensis**, Croiz. et Job., Rech. Oss. Foss. Puy-de-Dôme, 1828, p. 188, pl. I, fig. 3—4; Gerv., Zool. et Pal. Franç., 1852. p. 206, pl. VIII, fig. 1. | † Pliocaen. Gallia central. et merid. |
| *minimus*, Dev. et Bouill., Mont. Boulade, p. 75, pl. XIII, fig. 1—2. | » |
| *minutus*, Gerv., Zool. et Pal. Franç., 1859, 2e Ed., p. 206, pl. VIII, fig. 1. | » |
| *a.* — *ruscinensis*, Depéret, Mém. Soc. Géol., Pal., I, 1890, p. 34, pl. III, fig. 8—9, IV, fig. 9. | † Pliocaen. Gallia meridional. |
| 1465. † **etruscus**, G. Cuv., Rech. Oss. Foss., IV, 1812, pl. XXVII bis, fig. 8—10; Gervais, Zool. et Pal. Gén., II, 1876, pl. VII, fig. 4—7; Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 89; Weithofer, Jahrb. Geol. Reichs., Bd. 39, 1889, p. 68. | † Pliocaen. Europa merid., Italia. |
| 1466. ? **Crowtheri**, Schinz, Syn. Mam., 1844, p. 302; Gray, P. Z. S., 1864, p. 698 (nullum specimen in museis). | ? Africa sept.-occ., Ms Atlas, Maroc, Tetuan. |
| *arctos*, p., Shaw, Voy. Barb., I, 1743, p. 323; G. Cuv., Oss. Foss., IV, 1823, p. 326; Blyth, P. Z. S., 1841, p. 65. | » |
| *a.* — ? † *Faidherbianus*, Bourguig., Sur un *Ursus* nouv., 1867, p. 3; Note prodr. sur quelq. *Ursidae*, 1868, p. 2; Souv. Expl. Alg., V, Hist. Djebel Thaya, 1870, p. 57, pl. 7 (faem. vel juv.). | † Pleistocaen. Africa sept. Algeria. |
| *Rouvieri*, Bourg., Note, l. c., 1868, p. 2; Hist. Djebel-Thaya, l. c., p. 51, pl. 5—7 (mas.). | » |
| *b.* — ?† *Pomelianus*, Bourg., C.-R. Acad. Sc., 1868, LXVII, p. 113. | † Pleistocaen. Gallia merid. |

## 324. **Tremarctos,** Gervais, 1855.

†*Arctotherium,* Bravard, 1860; *Nearctos,* Gray, 1873; †?*Arctodus,* Leidy, 1854.

1896. **Cope,** Proc. Ac. Nat. Sc. Phil., 1896, p. 383, 384 (Sp. fossil.).

1467. **ornatus,** F. Cuv., P. Z. S., 1833, p. 114; Mam. Lith., pl. 218; Gerv., Castelnau, Exp. Am. Sud, 1850, Anat., p. 7, pl. IV, fig. 1; Hist. Nat. Mam., 1855, II, fig. p. 20 (Genre Tremarctos); Gray, Ann. Nat. Hist., 1873, XII, p. 182. — America merid., Mont. Andes, a Nova-Grenada ad Chili; Bolivia.

1468. **frugilegus,** Tschudi, Fauna Peruana, 1844, p. 90. — Peru.

1469. †**bonaeriensis,** P. Gerv., Zool. et Pal. Franç., 1852, I, p. 189; Ann. Sc. Nat., Ser. 4, III, p. 337, pl. V; Mém. Soc. Géol., IX, pl. 24; Zool. et Pal. Gén., 1867, p. 131; Burmeist., Descr. phys. Rep. Argent., 1879, III, p. 170, pl. 11; Ameghino, Contrib. Con. Mam. foss. Argent., 1889, p. 318, pl. II, fig. 2—4, III, fig. 1—2; Winge, Mus. Lund., 1895, p. 35, pl. VI, fig. 5. — †Pleistocaen. America merid., La Plata, Brasil merid.

*latidens,* Brav., Cat. Foss., 1860, p. 8. — Rio Parana.

*ursina,* Lund (Nasua). — »

1470. †**brasiliensis,** Lund, Blik paa Bras. Dyr., 5 Afh., 1843, p. 78; Winge, Mus. Lund., 1895, p. 31, pl. VI, fig. 1—4, pl. VII. — †Pleistocaen. Brasil merid., Lagoa Santa.

1471. †**vetustus,** Amegh., Bol. Acad. Cordoba, VIII, 1885, p. 20; Contr. Con. Mam. fos. Arg., 1889, p. 319, pl. XXI, fig. 1 (Arctotherium vetustum). — †Miocaen. (Oligoc.?), America Merid., Parana.

1472. †**angustidens,** Brav., Cat. Foss. Am. Merid., 1860, p. 8; Amegh., Contr. Con. Mam. fos. Arg., 1889, p. 318, pl. II, fig. 1. — †Pleistocaen. America Merid., La Plata.

1473. †**simus,** Cope, Am. Nat., 1879, p. 791; 1891, p. 997. — †Pleistocaen. California.

1474. †**haplodon,** Cope, Proc. Acad. Nat. Sc. Philad., 1896, p. 383. — †Pleistocaen. America Orient.-sept., Port Kennedy.

*pristinus,* Cope (nec Leidy), Proc. Amer. Phil. Soc., 1871, p. 96; Holms, Postplioc. Foss. South-Carolina, 1860, p. 115, pl. 23, fig. 3—4.

1475. †**pristinus**, Leidy, Proc. Acad. Phil., 1854, p. 90 (nec Cope, nec Holmes); Ext. Mam. Faun., 1869, p. 370 (Arctodus). — Pleistocaen. America sept., Carolina.

## 325. **Melursus**, Meyer, 1794; Gray, 1864.

*Prochilus*, Illig., 1811; *Bradypus*, p., Shaw, 1800; *Chondrorhynchus*, G. Fischer, 1814.

1476. **ursinus**, Shaw, Naturalist's Miscellany, II, 1791, pl. 58; *ursiformis*, Shaw, 1800. — India a pedibus Montium Himalaya ad Cap. Comorin et Ceylan, et a Kattywar et Cutch (in Occ.), ad Bengal sept. et orient.; ? Assam, ? Pegu.

*labiatus*, Blainv., Bull. Soc. Phil., 1817, p. 74; F. Cuv., Mam., pl. 215 et 216 (juv. et adult.); Sykes, P. Z. S., 1831, p. 100; Elliot, Madras Journ. Linn. Soc., X, p. 100; Tickell, Calc. Journ. Nat. Hist., 1, p. 199, pl. VII; Blanf., Mam. Ind., 1888, p. 200. — »

*longirostris*, Tied. (nec Eversm.), Abh. 1820, p. 4; Reich., Nov. Act. Nat. Cur., XIII, p. 323, pl. 15. — »

*lybius*, Meyer; Gray, Cat. Mam. B. M., 1843, p. 73. — »

*inornatus*, Puch., Rev. et Mag. Zool., 1855, p. 392. — Ceylon.

1477. †**Theobaldi**, Lydekk., Pal. Ind., II, 1884, p. 38, pl. 28, fig. 1, 2. — † Pliocaen. India sept.

## 326. †**Hyaenarctos**, Falc. et Cautl., 1840.

*Amyxodon* et *Ursus*, p., Falc. et Cautl., 1836; *Agriotherium*, Wagner, 1837; *Amphiarctos* et *Sivalarctos*, Blainv., 1841; *Cephalogale*, p., Hofm.; *Canis*, p., Meyer; *Amphicyon*, p., Menegh.

1478. †**brevirhinus**, Hofmann, Jahrb. Geol. Reichs., XXXVII, 1887, p. 208, pl. X, fig. 1—5; XLII, 1892, p. 64, pl. II et III; Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 87, 98; 1889, p. 72. — † Miocaen. Europa central., Germania.

*minutus*, Koken (nec Gerv.), S.-B. Ges. Nat. Fr. Berl., 1888, p. 44, fig. 1, 2. — »

1479. †**anthracitis**, Weithof., Jahrb. Geol. Reichs., XXXIX, 1889, p. 60. — † Miocaen. Italia.

*Laurillardi*, Meneghini (nec Pomel), Atti Soc. Ital., IV, 1863, p. 29, pl. II. — »

1480. † **insignis**, Gerv., Ann. Sc. Nat., 1853, XX, p. 234, pl. XII; Bull. Soc. Géol., 1853, p. 154, pl. IV, fig. 3; Zool. et Pal. Gén., 1867, p. 150. — † Miocaen. Gallia merid., Hispania.

1481. † **arctoïdes**, Depéret, C.-R. Acad. Sc., 1895, CXXI, p. 432. — † Miocaen. Gallia merid.

1482. † **atticus**, Dames, S.-B. Ges. Nat. Fr. Berlin, 1883, p. 152; Schloss., Beit. Pal. Oest.-Ung., 1888, p. 87; Weithofer, Beit. Pal., l. c., 1888, p. 231, pl. XII, fig. 1—2. — † Miocaen. sup., Graecia (Pikermi).

1483. † **sp.**, Lydekker, Cat. Foss. Mam., 1885, I, p. 155, fig. 22; Flower, Quart. Journ. Geol. Soc., XXXIII, p. 534, fig. — † Pliocaen. Anglia.

*sivalensis*, p., Flower, l. c. — »

1484. † **sivalensis**. Falc. et Cautl., Asiat. Res., 1836, XIX, p. 193; Fauna Antiqua Sival., pl. 0; Owen, Odontogr., 1845, p. 505, pl. 131; Lydekk., Mem. Geol. Surv. Ind., X, vol. 2, part 6, 1884, p. 224, pl. XXIX et XXX. — † Pliocaen. India sept. (Siwalik).

1485. † **palaeindicus**, Lydekk., Mem. Geol., l. c., 1884, p. 55, pl. XXX et XXXI. — † Pliocaen. India sept.

1486. † **punjabensis**, Lydekk., l. c., 1884, p. 226, pl. XXX et XXXI. — † Pliocaen. India (Punjab).

1487. † **sinensis**, (Owen), Lydekk., Geol. Mag., 1884, p. 444; Cat. Foss. Mamm., I, 1885, p. 157, fig. 23. — † Pliocaen. China.

## Subfam. 2. **Ailurinae.**

### 327. **Ailuropus**, A. M.-Edw., 1870.

*Ursus*, p. et *Pandarctos*, Gerv., 1870.

1488. **melanoleucus**, A. M.-Edw., C.-R. Acad. Sc., 1870, LXX, p. 342; Ann. Sc. Nat., XIII, 1870, art. 10; Rech. sur les Mamm., 1875, p. 321, pl. L—LVI; Gerv., Journ. de Zool., 1875, IV, p. 79, pl. 2 et 3; Gaudry, Ench. M. A., Mam. Tert., 1878, p. 213, fig. 280. — Thibet oriental., Ms Regionis Moupin, Shigu, Gansu, Setchuan, Kuku-noor (3430 m. altid.).

### 328. **Ailurus**, F. Cuv., 1825.

1489. **fulgens**, F. Cuv., Mamm., 1825, pl. 203; Blainv., Ostéog. G. Subursus, pl. VII; Hardwicke, Linn. Trans., XV, p. 161, pl. II; Gray, Cat. Carn., 1869, p. 247, fig. p. 248; Sclater, P. Z. S., 1869, p. 408, fig.; Simpson, P. Z. S., 1869, p. 507, pl. XLI; Blanford, Mam. Ind., 1888, p. 190, fig. 50 et 51. — M$^s$ Himalaya a Nipal ad Assam et Yunnan (2300—4000 m.)

*ochraceus*, Hodgs., J. A. S. B., XVI, 1847, p. 1118, pl. 52, 53; XVII, part 2, p. 475, 573.

1490. †**anglicus**, B. Dawkins, Quart. Journ. Geol. Soc., 1888, p. 228, pl. X; Newton, Quart. Journ. l. c., 1890, p. 451, pl. XVIII, fig. 9. — †Pliocaen. Europa sept., Anglia.

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## Familia II. **Procyonidae.**

### Subfam. 1. **Cercoleptinae.**

### 329. **Cercoleptes**, Illig., 1811.

*Kinkajou*, Lacep., 1801; *Potos*, G. Cuv., 1800; *Caudivolvulus*, Desm., 1820; *Viverra*, p., Pall., 1777; *Lemur*, p., Schreb., 1778; *Ursus*, p., Cuv., 1798.

1491. **caudivolvulus** (Pallas), Schreb., Säug., 1777, III, p. 453, pl. 125 B; F. Cuv., Mam., pl. 98; Tomes, P. Z. S., 1861, p. 280; Alston, Biol. Centr.-Am., Mam., 1880, p. 76; Pelzeln, Z.-Bot. Ges. Wien, XXXIII, 1883, p. 57; G. Cuv., Tabl. Gén. in Leç. Anat. Comp., 1806; Lacép., Mém. Inst., III, 1801, p. 492; Illig., Prodr., 1811, p. 127; Desm., Mam., 1820, p. 171, pl. 42. — America Centrali, a Mexico centrali (Tabasco), Guatemala, Costa-Rica, ad Rio-Negro (Brasil, Guyana), et Peru sept.

*flavus*, Schreb., Säug. I, 1775, p. 145, p. 42. — »

*megalotus* et *brachyotus*, Martin, P. Z. S., 1836, p. 83. — »

### 330. †**Leptarctus**, Leidy, 1856.

1492. †**primus**, Leidy, Proc. Ac. Nat. Sc. Phil., 1856, p. 311; 1857, p. 90; Ext. Mam. Faun., 1869, p. 370, pl. I; Wortmann, Bull. Am. Mus., VI, 1894, p. 229. — †Pliocaen. America Sept., Loup Fork (Nebraska).

## Subf. 2. **Procyoninae.**

### 331. **Bassaricyon,** Allen. 1876.

1493. **Gabbi,** Allen, P. Ac. Nat. Sc. Philad., 1876, p. 20, pl. I (nec 1877 p. 267, pl. 2, qui = *Nasua narica*); Bull. U. S. G. Surv., V, 1879, p. 169; Alston, Biol. Centr.-Am., Mam., 1880, p. 70; Huet, Arch. Mus., 1882, V, p. 1, pl. 1, 2. — America Centrali, Costa-Rica, Panama.

1494. **Alleni,** Thomas, P. Z. S., 1880, p. 397, fig. 1, 2, 3, p. 398 et pl. 38; Huet, Arch. Mus., 1882, l. c., p. 2. — Equator, Sarayacu.

### 332. **Bassariscus,** Rhoads, 1894.

*Bassaris,* Licht., 1827; Wagler 1831 (nec Hübner, 1816—21).

1495. **astuta,** Licht.; Wagler, Isis, 1831, p. 513; Licht., Darst. n. Säug., pl. 43; Flower, P. Z. S., 1869, p. 31; Allen, Bull. U. S. Surv., 1879, p. 336; Alston, Biol. Centr.-Am. Mam., 1880, p. 72; Rhoads, P. Ac. Philad., 1893, p. 413. — America sept. ab Oregon, Ohio ad Mexico (Orizaba, Sierra Santiago).

*raptor,* Baird, Rep. U. S. Mexic. Bound. Surv., Mam., 1859, II, p. 19. — California.

*a.* — *flavipes,* Rhoads, Proc. Ac. Nat. Sc. Philad., 1893, p. 417. — Texas.

### 333. **Wagneria,** Jentink, 1886.

*Paradoxurus,* p., Wagner, 1841.

1496. **annulata,** Wagner, Schreb. Säug. Suppl., II, 1841, p. 353; Jentink, Notes Leyd. Mus., 1886, p. 127, 129, pl. 4 et 5. — Mexico (Terras-Caliendes), Jalapa, Tehuantepec, Guatemala Costa-Rica (La Palma).

*Sumichrasti,* Sauss., Rev. Zool., 1860, p. 7, pl. I; Allen, Bull. U. S. G. S., 1879, p. 338; Alston, Biol. C.-Am., 1880, p. 73. — »

»*raptor*« Alston, Biol. C.-Am., pl. VI (nec text.). — »

*variabilis,* Peters, M.-B. Ak. Berl., 1874, p. 704, pl. 1, 2. — »

*monticola,* Cordero, La Natural., 1875, III, p. 269. — »

### 334. †**Cynonasua,** Amegh., 1885.

? *Amphinasua,* Mor. et Merc., 1890; *Oligodens* et *Oligobunis,* Burm.

1497. †**argentina,** Amegh., Bol. Acad. Nat. Sc. Cordoba, 1885, VIII, p. 5; Contrib. Mam. Foss., 1889, p. 313, 912, pl. 21 et 79; Rev. Argent., I, 1891, p. 205, fig. 76; Lydekker, Ann. Mus. La Plata, 1894, III, art. 3, p. 2. — Miocaen. La Plata (Rio Parana).

*argentinus,* Burm., Ann. Mus. Nac. Entr., 17, 1891, p. 378, pl. VII, fig. 2. — »

? *brevirostris,* Moreno et Merc., Inform. Ann. Mus. La Plata, 1890—91, fig. — »

### 335. **Nasua,** Storr, 1780.

*Coati,* Lacep., 1801; *Ursus* et *Viverra* p., Auct. Vet.

1498. **narica,** L., Syst. Nat., 1766, I, p. 64; F. Cuv., Mam., pl. 205, 207; Allen, Bull. U. S. Geol. Surv., V, 1879, p. 162; Alston, Biol. Cent.-Am., Mam., 1880, p. 74 (»N. nasica«). — America sept.-centrali a Texas, California, Mexico, ad Costa-Rica (1700—2000 m. alt.), Guatemala (2600 m.), Honduras, Yucatan, Tehuantepec.

*fusca,* Tomes (nec Desm.), P. Z. S., 1861, p. 280. — »

*socialis* et *solitaria,* Sauss. (nec Wied), Rev. Zool., 1862, p. 52, 56. — »

*solitaria* Var. *mexicana,* Weinl., Zool. Gart., 1860, p. 191 (nec Wied). — »

*leucorhynchus,* Tschudi, Faun. Peru., 1846, p. 100; Frantzius, Arch. Naturg., 1869, I, p. 293; Hensel, Abh. Ak. Berl., 1872, p. 65. — »

1499. **rufa,** Desm., Mam., 1820, p. 170; F. Cuv., Mam., pl. 206; Allen, Bull. U. S. G. Surv., V, 1879, p. 153. — America merid., ab Equator et Nova-Grenada ad Rempublic. Argentinam, et ab Oceanum Atlanticum ad Andas: Brasil Amazon., Peru, Guyanas, Brasil merid., Bolivia, Paraguay, La Plata sept.

*nasua,* L., S. N., 1766, p. 64; Schreb., Säug., pl. 118.

*nasica,* Winge, E. Mus. Lund., 1895, p. 35, 36.

*socialis, solitaria* et *nocturna,* Wied (nec Sauss.), Beit. Naturg. Bras., 1825, II, p. 283, 292; Burm., Ub. Thiere Bras., 1854, I, p. 120, 121; Hensel, Abh. Ak. Berl., 1872, p. 63.

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| *narica*, p., Burm., Desc. Phys. Rep. Arg., III. 1879, p. 180. | America merid., ab Equatore et Nova-Grenada ad Rempublic. Argentinam, et ab Oceano Atlantico ad Andas: Brasil etc. |
| *a.* — Var. *monticola*, Tschudi, Faun. Peru, 1846, p. 102, pl. V. | |
| *b.* — Var. *dorsalis*, Gray, P. Z. S., 1866, p. 169, pl. XVII. | |
| *c.* — Var. *olivacea*, Gray, Cat. Carn., 1869, p. 241. | |
| *d.* — † *nasica fossilis*, Winge, E. Mus. Lundii, 1895, p. 35 (aff. sociali et solitariae, Lund). | † Pleistocaen. Brasil. |

## 336. **Procyon**, Storr, 1780.

*Lotor*, Tied., 1808; *Ursus* et *Meles*, p., Auct. Vet.; *Nasua*, p., Lund, 1842.

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| 1500. † **priscus**, Lecomte, Am. Journ. Sc., 1848, V, p. 106; Leidy, Journ. Ac. Nat. Sc. Phil., 1856, III, p. 169, pl. 17; Ext. Mam. Faun., 1869, p. 370. | † Pleistocaen. America Sept. |
| 1501. † **ursinus**, Lund, Overs. Dansk. Forh., 1842; Vid. Selsk., 1845, p. 224; Winge, E. Mus. Lund., 1895, p. 36, pl. VIII, fig. 1. | † Pleistocaen. Brasil merid. |
| 1502. **lotor**, L., Sys. Nat., 1766, I, p. 70; Storr, Prodr. Meth. Mam., 1780, p. 35; Is. Geoff., Zool. Voy. Vénus, p. 125, pl. 6; Allen, Bull. U. S. G. Surv., 1876, II, p. 325; Alston, Biol. Centr.-Am. Mam., 1880, p. 70. | America sept. ab Alaska ad Costa-Rica: Canada, United-States, Mexico, Sonora, Tehuantepec. |
| *obscurus* et *brachyurus*, Wagn., Schreb. S. Suppl., pl. 142 D et 143 C. | » |
| *a.* — Var. *hernandezii*, Wagl., Isis, 1831, p. 514; Frantzius, Arch. Naturg., 1869, I, p. 291. | » |
| *b.* — *hernand.* Var. *mexicana*, Baird, Rep. Mex. Bound. Surv., II, Mam., 1859, p. 22; Dugès, La Nat., I, p. 137. | Guatemala, Costa-Rica. |
| *c.* — Var. *nivea*, Gray, Mag. Nat. Hist., 1837, I, p. 580. | Texas. |
| *d.* — Var. *psora*, Gray, l. c., 1842, X, p. 261. | California. |
| † *lotor fossilis*, Leidy, Ext. Faun., 1869, p. 370. | † Pleistocaen. Carolina merid. |

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| 1503. **cancrivorus,** G. Cuv., Tabl. Elem. Reg. An., 1798, p. 113; Blainv., Ost., G. Subursus, pl. V; Burm., Ubers. Thiere Bras., 1854, p. 115; Heusel, Abh. Ak. Berl., 1872, p. 67; Alston, Biol. Cent.-Am., 1880, p. 69; Pelzeln, Zool. Bot. Ges. Wien, 1883, Beiheft, p. 56. | America merid., Guatemala, Panama, Guyanas, Colombia, Brasil (Rio Negro, Ypanema, Matto Grosso), Paraguay. |
| *a.* — Var., Sclat., P. Z. S., 1875, p. 421. | » |
| † *cancr. fossilis,* Winge, E Mus. Lund., 1895, p. 37. | † Pleistocaen. Brasil merid. |

337. † **Myxophagus,** Cope. 1869.

? *Procyon,* p., Cope.

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| 1504. † **spelaeus,** Cope, Proc. Am. Phil. Soc., 1869, p. 3 et 176, pl. III, fig. 2. | † Pleistocaen. America sept. (Virginia). |

## Familia III. **Mustelidae.**

### Subfam. 1. **Melinae.**

338. **Taxidea,** Waterh., 1838.

*Ursus, Meles* et *Taxus* p., Auct.

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| 1505. **americana,** Bodd., Elench. Anim., 1787, I, p. 136; Waterh., P. Z. S., 1838, p. 154; Baird, Mam. N.-Am., 1857, p. 102; Alston, Biol. Centr.-Am., 1880, p. 85; Mearns, Bull. U. S. Nat. Mus., III, 1891, p. 239. | America sept., a 58° lat. sept., ad Mexico: Canada, United-States, Labrador. |
| *labradorius,* Gm., Sys. Nat., I, p. 102: Shaw, Zool., pl. 106; F. Cuv., Mam., pl. 162. | » |
| *Jeffersonii,* Harlan, Faun. Am., p. 309. | » |
| *a.* — Var. *neglecta,* Mearns, Bull. U. S. Nat. Mus., 1891, p. 250. | California sept. |
| *b. Berlandieri,* Baird, Mam. N.-Am., 1857, p. 205; Allen, Bull. U. S. G. Surv., II, p. 331; Coues, Fur-bear. Anim., 1877, p. 289 fig. (cran.). | Mexico, Tamaulipas, Matamoras. |
| 1506. † **sulcata,** Cope, Pal. Bull., N° 28; Proc. Phil. Soc., 1877, p. 227. | † Pliocaen. Territ. Washington. |

### 339. †**Trochictis,** H. von Meyer, 1842.

*Hydrocyon* et *Taxodon,* Lartet, 1851; *Lutra* et *Mustela,* p., Auct.

1507. †**carbonaria,** Meyer, Isis, 1842, p. 584; Schloss., Beitr. Pal. (Est.-Ung., 1888, p. 127, pl. VIII, fig. 30. 31, 35, 52. — †Miocaen. Helvetia.

1508. †**hydrocyon,** Gerv., Zool. et Pal. Franç., 1859, p. 248, pl. 23; Filhol, Ann. Soc. Géol., XXI, 1891, p. 85, pl. V, fig. 19—21; Depéret, Arch. Mus. Lyon, V, 1892, p. 27, pl. I, fig. 11. — †Miocaen. Gallia merid., (Sansan).

*sansaniensis,* Lartet, Not. Colline Sansan, 1851, p. 17. — »

1509. †**taxodon,** Gerv., Zool. et Pal. Fr., 1e Ed., p. 118, pl. 23; 2e Ed., 1859, p. 249; Hofmann, Jahrb. Geol. Reich., XXXVII, 1887, p. 211; XLII, 1892, p. 70, pl. III, fig. 1—3; Filhol, Ann. Soc. Géol., 1891, p. 88, pl. V, fig. 13, 14. — †Miocaen. Gallia merid., Styria.

*sansaniensis,* Lartet, Not. Coll. Sansan, 1851, p. 15. — »

1510. †**Gaudryi,** Filhol, Ann. Soc. Géol., 1891, p. 91, fig. 1, 2. — †Miocaen. Europa intermed.

*Valetoni,* Hofmann (nec Geoff.), Jahrb. Geol. Reich., 1887, p. 212, pl. XI et XII; 1888, p. 78, pl. I, fig. 1 (Lutra). — »

1511. †**elongata,** Gerv., Zool. Pal. Franç., 1859, pl. 22. fig. 2; Schlosser, l. c., 1888, p. 128. — †Miocaen. Gallia.

### 340. †**Trochotherium,** Fraas, 1870.

1512. †**cyamoïdes.** Fraas. Fauna Steinheim (Würt. Jahresb.), 1870, p. 161, pl. IV, fig. 13, 14; 1885, p. 317, pl. IV, fig. 4, 5. — †Miocaen. Germania merid.

### 341. †**Promeles,** Zittel, 1893.

1513. †**palaeatticus,** Weithof, Beitr. Pal. Oest.-Ung., VI, 1888, p. 226, pl. X, fig. 1—11; F. Major, C.-R. Acad. Sc. Paris, 1888, (31. Decemb.); Schloss., Beit. Pal. Oest.-Ung., 1888, p. 128, pl. VII, fig. 16; Zittel, Handb. Palaeont., IV, 1893, p. 651, fig. 547. — †Miocaen. sup. Graecia. (Pikermi).

## 342. **Meles**, Storr. 1780.

*Ursus*, *Taxus*, Auct.; *Taxidea* et *Pseudomeles*, Hodgs., 1869.

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| 1514. **taxus**, Bodd., Elench. Anim., I, 1785, p. 80; Schreb., Säug., pl. 142; F. Cuv., Mam., pl. 161; Blasius, Säug. Deuts., 1857, p. 202, fig. p. 204; Middendorf; Radde; Schrenck; Gray, Cat. Carn., p. 124; Severtzow; Danf. et Alston, P. Z. S., 1877, p. 274. | Europa et Asia sept. usque ad Mare Mediterran. et Thibet. |
| *meles*, L., Sys. Nat., 1766, I, p. 70. | » |
| *europaeus* et *vulgaris*, Desm., 1816—20. | » |
| *canescens*, Blanf., Ann. N. H., 1875, XVI, p. 310; East. Persia, 1876, II, p. 44, pl. III, fig. p. 39. | Asia Minor, Palestina, Persia, Turkestan, ? Mesopotamia. |
| *arenarius*, Satunin, Arch. Naturg., 1895, p. 111. | M$^{s}$ Caucasus. |
| † *Morreni*, Laurillard, Dict. d'Orb., 1842, II, p. 593 | † Pleistocaen. Europa. |
| *taxus*, p. Auct.; *antediluvianus*, Schmerling. | » |
| *antiquus*, Münster. | » |
| 1515. † **Polaki**, Kittl, Ann. Nat. Hofmus. Wien, II, 1887, p. 335, pl. XVII, fig. 3—6. | † Miocaen. Persia. |
| 1516. † **maraghanus**, Kittl, Ann. Nat. Hofm. Wien, II, 1887, p. 337, pl. XV, fig. 4; F.-Major, C.-R. Ac. Sc. Paris, 31 Déc. 1888. | † Miocaen. Graecia et Persia. |
| 1517. **anakuma**, Temm., Fauna Japon., 1842, p. 30, pl. VI, fig. 1—6; Brauns, Iena Zeitschr. Natur., 1884, XVII, p. 542; Nehring, S.-B. Ges. Naturf. Fr. Berl., 1885, p. 137; 1886, p. 18. | Japon. |
| *a.* — *amurensis*, Schrenck, Amurland, 1858, p. 17, pl. I, fig. 1, 4; Middendorf, Sib. Reis., 1853, Mam., p. 3 (taxus Var. amurensis, Schrenck). | SiberiaOrient.Regione flum. Amour. |
| *Schrenki*, Nehring, S.-B. Nat. Fr. Berl., 1891, p. 103 (*Meles amurensis* vel *Schrenki*, Nehring). | » |
| 1518. **leucurus**, Hodgs., J. As. S. Beng., 1847, p. 763, pl. 29—31; Gray, P. Z. S., 1853, p. 190; Anders., Zool. Yunnan, 1878, p. 196. | China, Pekin, Honkong, Amoy, Thibet (Tumpha, Lassa). |

*chinensis*, Gray, P. Z. S., 1868, p. 207; Cat. Carniv., 1869, fig. p. 127, 128; A. M.-Edw., Rech. sur les Mam., 1871, p. 190, pl. 25—28. — Nipal, Assam, Sylhet, Arrakan, Yunnan Occid.

*leptorhynchus*, A. M.-Edw., Ann. Sc. Nat., 1867, VIII, p. 374. — »

1519. **albogularis**, Blyth, J. A. S. B., 1853, XXII, p. 590; Anders., Zool. Yunnan, 1878, p. 198. — Thibet.

*leucurus*, p., Hodgs., 1847 (cran.). — »

*a*. — *? sp.*, Blanf., Yarkand Mamm., p. 25. — Yarkand, Kashgar.

## 343. **Arctonyx**, F. Cuv., 1825.

*Meles*, *Mydaus* et *Mephitis*, Auct., *Trichomanis* (!), Hubrecht.

1520. **collaris**, F. Cuv., Mam., 1825, pl. 220; Evans, J. A. S. B., VII, p. 735, pl. 43; VIII, p. 408; Gray, Hardw. Ill. Ind. Zool., I, pl. 6, 7; P. Z. S., 1865, fig. p. 681; Anders., Zool. Yunnan, 1880, p. 196; Blanf., Mam. Ind., 1888, pl. 178, fig. 47. — Himalaya infer. a Nipal ad Assam, Sylhet, Arakan, Birma sup. et inf., Pegu usque ad Sitang; Borneo central.

*isonyx*, Horsf., P. Z. S., 1856, p. 398, pl. I. — »

*assamensis*, Mac Clell., Ind. Rev., 1838, II, p. 509. — »

*hoevenii*, Hubr. (Trichom.), P. Z. S., 1895, p. 522. — »

1521. **taxoïdes**, Blyth, J. A. S. B., 1853, XXII, p. 591; P. Z. S., 1856, p. 398, pl. L; Anderson, Zool. Yunnan, 1880, p. 196; Blanf., Mam. Ind., 1888, p. 180. — Assam, Silhet, Arakan, Birma.

1522. **leucolaimus**, A. M.-Edw., Rech. sur les Mam., 1871, p. 195, pl. 24, 28. — China merid., Mongolia.

*a*. — *obscurus*, A. M.-Edw., l. c., 1871, p. 338, pl. 42, 43, fig. 2 (juv.). — »

## 344. **Mydaus**, F. Cuv., 1821.

*Mephitis*, p., Desm., 1820.

1523. **meliceps**, F. Cuv., Mam., 1821, pl. 159; Horsf., Zool. Res. Java, 1824, pl. 3; Müller, Verh. Nat. Ned. Ov., 1835; Gray, P. Z. S., 1865, p. 142; Forbes, P. Z. S., 1879, p. 664; Jentink, Notes Leyd. Mus., 1895, p. 41 (partim). — Java, Borneo, Sumatra, ? Malacca.

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| *javanensis*, Desm., Mam., 1820, p. 187; Raffles, Linn. Trans., XIII, p. 251. | Java, Borneo, Sumatra, ? Malacca. |
| 1524. **Marchei.** Huet. Bull. Soc. Philom., 1887, p. : Meyer, Abh. Mus. Dresden. 1894—95, N° 13. | Ins. Philippinas, (I. Palawan et I. Calamianes). |
| *Schadenbergii*, Jentink, Notes Leyd. Mus., 1895, p. 46, fig. (mandib.) p. 45. | » |

## 345. † **Mellivorodon,** Lydekker, 1884.

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| 1525. † **palaeindicus,** Lydekk., Mem. Geol. Surv. Ind., X, vol. 2, 1884, p. 185. | † Miocaen. sup. India. |

## 346. **Mellivora,** Storr, 1780.

*Ursitaxus*, Hodgs., 1836; *Ratelus*, Gray, 1825; *Ursus*, *Gulo*, *Meles* et *Mustela*, p., Auct.

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| 1526. † **sivalensis.** Falc. et Cautl., Pal. Mem., 1868, I, p. 553; Lydekk., Mem. Geol. Surv. Ind., X, 2, 1884, p. 180, pl. XXVI, fig. 1—4. | † Pliocaen. India, (Siwaliks). |
| 1527. † **punjabiensis,** Lydekk., Mem. Geol. Surv. Ind., l. c., 1884, p. 183. | † Pliocaen. Punjab. |
| 1528. **ratel,** Sparrm., K. Vet. Akad. Handl., 1777, p. 49, pl. IV, fig. 2; Gray, P. Z. S., 1865, p. 145, 680; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 287; B. du Bocage, Jorn. Sc. Lisb., 1889, p. 184; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 84, fig. 49; Büchner, Notes Leyd. Mus., 1893, XV, p. 99. | Africa Orient. et Merid., Nilo Super., Sennaar, Abyssinia, Kilimandjaro, Nguru, Usandawi, Zanzibar, Mozambica, Cafreria, Angola, Mossamedes. |
| *mellivorus*, Cuv., Tabl. Elem., 1798, p. 112; Sund., Vet. Akad. Handl., 1841, p. 211. | » |
| *capensis*, Desm., Mam., 1820, p. 176; Schreb., Säug., p. 135; Smuts, En. Mam. Cap., 1832; Peters, Säug. Mossamb., 1852. | » |
| *a.* — *leuconota*, Sclater, P. Z. S., 1867, p. 98, pl. VIII; Gray, Cat. Carniv., 1869, p. 133. | Africa Occid. |

*b.* — *indica*, Kerr, Anim. Kingd., 1792, p. 188; Hardw., Linn. Trans., IX, p. 115, pl. IX; Blanf., Mamm. Ind., 1888, p. 78, fig. 45, 46; Büchn., Notes Leyd. Mus., 1893, XV, p. 99.

*ratel*, Gray, Cat. Mam. Nepal, p. 13 (nec Sparrm.).

*inauritus*, Hodgs., Asiat. Res., XIX, pars 1, p. 61; J. A. S. B., V, p. 671.

India a pedibus Montis Himalaya usque ad extremit. (nec Malabar, nec Bengal inf., nec Ceylon), et ab India, in Occid., usque ad Reg. Transcaspiam, ? Mesopotamia.

## 347. **Galericus**, Thomas, 1894.

1529. **Jacksoni**, Thomas, Ann. Nat. Hist., 1894, p. 522; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 85.

Africa Orient., Reg. Masaï (Manzini ad L. Naiwascha).

## 348. **Helictis**, Gray, 1831.

*Melogale*, Is. Geoff., 1835; *Rhinogale*, Gloger, 1842; *Mydaus*, *Gulo*, *Galictis* et *Mustela*, p., Auct.

1530. **orientalis**, Horsf., Zool. Res. Java, 1824, pl. 4; Müller, Verh. Natur. Ned. Over., 1835; Blanf., Mamm. Ind., 1888, p. 173.

*nipalensis*, Hodgs., J. As. S. Beng., V, 1836, p. 237; VI, p. 560; Gray, P. Z. S., 1853, p. 191.

M^s^ Himalaya, Nipal, Sikkim, Java.

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1531. **personata**, E. Geoff., Voy. Bélang., Zool., 1834, p. 137, pl. V; Thomas, P. Z. S., 1886, p. 59; Blanf., Mamm. Ind., 1888, p. 174, fig. 43, 44.

*orientalis*, Blyth (nec Horsf.), J. A. S. B., XXXI, p. 332.

*nipalensis*, Blyth (nec Hodgs.), Catal., p. 70; Mamm. Burma, p. 29.

Birma, Pegu, Manipur, Cachar, Tipperah, Arakan.

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1532. **moschata**, Gray, P. Z. S., 1833, p. 94; 1865, p. 152; Anderson, Zool. Yunnan, 1880, p. 193.

China merid., Amoï, Shanghai, I. Haïnan, ? Yunnan, Birma sup.

1533. **subaurantiaca**, Swinh., P. Z. S., 1862, p. 349, 355, pl. XLIV; Garrod, P. Z. S., 1879, p. 305, pl. XXIX.

Ins. Formosa.

1534. **Everetti**, Thomas, Ann. Nat. Hist., 1895, XV, p. 331.

Borneo sept., M^s^ Kina Balu.

## 349. **Zorilla,** Is. Geoff., 1824.

*Ictonyx* vel *Ictidonyx*, Kaup, 1835; *Rhabdogale*, Müll., 1838; *Mephitis, Viverra* et *Mustela*, p., Auct.

1535. † **antiqua**, Pomel, Catal. Vert. Foss. Bass. de la Loire, 1854, p. 47. — † Pliocaen. Gallia central. et merid.

*? zorillina*, Gervais, Zool. et Pal. Gen., 1859. — »

*a.* — *? zorilloïdes*, Lartet, Notice Colline de Sansan, 1851, p. 17. — † Miocaen. Gallia merid.

1536. **lybica**, Hempr. et Ehremb., Symb. Phys., 1832, II, K; Lataste, Actes Soc. Linn. Bordeaux, XXXIX, 1885, p. 240; Faune Vert. Barb., p. 118. — Africa sept. et Asia minori: Algeria, Ægyptus, Nilus Albus, Sennaar, Kordofan, Abyssinia.

*africana*, Var., Licht., Abh. Ak. Berl., 1836, p. 248, pl. I, fig. 3. — »

*frenata*, Sundev., Vet. Ak. Handl., 1842, p. 212, pl. 4, fig. 1. — »

*Vaillanti*, Loche, Rev. Zool., 1856, p. 497, pl. 22. — »

*? multivittata*, Wagn., Schreb. S. S., 1840. — »

*zorilla*, p., Danf. et Alston, P. Z. S., 1877, p. 275. — Asia minori. Erzeroum.

1537. **zorilla**, Gmel., Schreb., Säug., 1792, pl. 123; Thunb., Acta Petrop., III, 1796, p. 106; F. Cuv., Ann. Mus., X, 1807, p. 221; Is. Geoff., Dict. Class. Hist. Nat., 1824, X, p. 215 (subgen.: Zorilla); Licht. Darst. N. Säug., pl. 48, fig. 2; Matschie, Säug. Ost-Afr., 1895, p. 83, fig. 48. — Africa merid., a Benguela (in Occid. part.) et Lado (in Orient.), ad Cap. B.-Sp.: Africa orientali., Tabora, Irangi, Ugalla, Ugunda, Mozambica, Angola.

*striata*, Shaw, Gen. Zool., 1800, pl. 94; Gray, P. Z. S., 1865, p. 151. — »

*variegata*, Lesson, Gerv. et Auct. — »

*capensis*, Sundev., Vet. Ak. Handl., 1842, p. 214. — »

*mustelina*, Wagn., Schreb., Säug. Suppl., II, p. 219, pl. 133 D; Peters, Säug. Mossamb., 1852. — »

*leucomelas*, F. Cuv.: *africana*, p., Licht. — »

*a.* — *senegalensis*, Gray, P. Z. S., 1865, p. 151. — Africa Occid., Senegambia.

## 350. **Poecilogale,** Thomas, 1883.

*Zorilla,* p., Gray, 1864.

1538. **albinucha,** Gray, P. Z. S., 1864, p. 69, pl. X; Thomas, Ann. Nat. Hist., 1883, XI, p. 370; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 84. — Africa merid., Angola, Natal, Bukoba.

## 351. †**Promephitis,** Gaudry, 1861.

1539. †**Larteti,** Gaudry, Anim. Foss. Attique, 1862, p. 41, pl. VI, fig. 5—7; Schloss., Beit. Pal. Oest.-Ung., 1888, p. 141. — † Miocaen. sup., Graecia (Pikermi).

## 352. **Mephitis,** G. Cuv., 1800.

*Viverra,* p., Shaw, 1792.

1540. †**fossidens,** Cope, Proc. Ac. Nat. Sc. Philad., 1896, p. 386. — †Pleistocaen. America sept.

1541. †**orthostichus,** Cope, Proc. Ac. Nat. Sc. Philad., 1896, p. 389. — † Pleistocaen. Amer. sept.

1542. **mephitica,** Shaw, Mus. Lever., 1792, p. 171; Schreb., Säug., III, p. 444, pl. 121; Baird, Mam. N.-Am., 1857, p. 195; Alston, Biol. Centr.-Am., Mam., 1880, p. 81; Bangs, Proc. Bost. Soc. Nat. Hist., 1895, XXVI, p. 5; Proc. Biol. Soc. Washingt., 1896, p. 140. — America Boreali Orientali ab Hudson Bay, Nova Scotia, Canada, Ontario ad limit. sept. Reg. United-States et Minnesota.

*macrura,* Aud. et Bachm. (nec Licht.), Quadr., III, pl. 102. — »

*varians,* Gray (nec Baird), Mag. Nat. Hist., 1837; P. Z. S., 1865, p. 148. — »

*americana* Var. *hudsonica,* Richards., Faun. Bor.-Am., I, p. 55; Bangs, Proc. Bost. Soc. Nat. Hist., 1895, XXXVI, p. 5. — »

*a.* — *chinga,* Tiedm., Zool., I, 1808, p. 361; Licht., Darstell., tab. 45, fig. 1; Wied Arch. Naturg., 1861, p. 218. — America sept. orientali: Reg. United-States. a Massachusetts ad M$^{s}$ Saxosos.

*americana,* De Kay, Zool. New-York, 1842, pl. 12, fig. 1.

*mephitica,* p., Baird, Mamm., I, p. 195. — »

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| *b.* | — †*frontata*, Coues, Bull. U. S. Geol. Surv., 1875. | †Pleistocaen. Pensylvania. |
| *c.* | — *scrutator*, Bangs, Proc. Biol. Soc. Washington, 1896, p. 141. | Louisiana (in »Prairies«), Indiana, Virginia. |
| 1543. | **elongata**, Bangs, Proc. Bost. Soc. Nat. Hist., 1895, XXVI, p. 3; Proc. Biol. Soc. Washington, 1896, p. 142. | Florida (Brevard Co.), Carolina merid. |
| 1544. | **occidentalis**, Baird, Mam. N.-Am., 1857, p. 195 (fig. cran.). | America Sept.-Occid., California, Mexico, Guatemala. |
| | *mesomelas*, Licht., Darst. N. Säug., pl. 45, fig. 2; Abh. Akad. Berl., 1836, p. 277. | |
| *a.* | — *Holzneri*, Mearns, Proc. U. S. Nat. Mus., XX, 1897, p. 4. | California infer. |
| *b.* | - *rittata*, Licht., Darst., 1834, pl. 46. | Mexico. |
| *c.* | - *bicolor*, Dugès (nec Gray), La Natur., I, p. 137. | » |
| 1545. | **estor**, Merriam, North-Amer. Fauna, N° 3, 1890, p. 81, pl. X, fig. 1—4; Mearns, Bull. Am. Mus., 1891, p. 258. | Arizona, M[s] San-Francisco. |
| 1546. | **macrura**, Licht., Darst. N. Säug., 1834, pl. 46; Abh. Ak. Berl., 1836, p. 277; Alston. Biol. Cent.-Am., 1880, p. 82. | Mexico centrali et orientali. Regione Mexico, Orizaba. |
| | *mexicana*, Gray, Mag. Nat. Hist., 1837, I, p. 581. | » |
| | *varians*, Baird, Mamm., 1857 (nec. Gray). | Texas. |

### 353. †**Osmotherium**, Cope, 1896.

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| 1547. | †**spelaeum**, Cope, Proc. Ac. Nat. Sc. Philad., 1896, p. 385. | †Pleistocaen. America sept. |

### 354. †**Pelycictis**, Cope, 1896.

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| 1548. | †**lobulatus**, Cope, Proc. Ac. Nat. Sc., 1896, p. 390. | †Pleistocaen. America sept. |

### 355. **Conepatus**, Gray, 1837.

*Marputius*, Gray, 1837; *Thiosmus*, Licht., 1838; †*Triodon*, Amegh.; *Mephitis*, *Mustela* et *Viverra*, p. Auct.

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| 1549. | †**primaevus**, Burm., Anal. Mus. Buenos-Aires, I, p. 144; Descr. Phys. Rép. Arg., III, 1879, p. 164; Amegh., Contr. Mam. Foss. Rep. Arg., 1889, p. 322. | †Pliocaen. America merid., La Plata. |
| | *americana* (Mustela), Brav. | |

1550. †**mercedensis**, Ameghino, Mam. Foss. Am. Mérid., p. 29; Contr. Mam. Foss., 1889, p. 323 (Triodon). — † Pliocaen. La Plata.

1551. †**cordubensis**, Amegh., Contr. Mam. Foss., 1889, p. 323, pl. I, fig. 20, 21, 23. — † Pliocaen. La Plata.

1552. **mapurito**, Gm., Sys. Nat., 1788, I, p. 88; Licht., Abh. Ak. Berlin, 1836, p. 270; Coues, Bull. U. S. G. Surv., 1875, I, p. 14; Furbear. Anim., 1877, p. 249; Alston, Biol. Centr.-Am., 1880, p. 84. — America Centrali a Texas ad Brasil sept.: Mexico, California, Guatemala, Costa-Rica, Nova-Grenada, Brasil.

*leuconota* et *mesoleuca*, Licht., Darstell., 1834, pl. 44, fig. 1 et 2; Tomes, P. Z. S., 1861, p. 280. — »

*nasuta*, Bennet, P. Z. S., 1833, p. 39; Fraser; Gray. — »

*intermedia*, Sauss., Rev. Zool., 1860, p. 6. — »

*chilensis*, p., Frantz. (nec E. Geoff.), Arch. Naturg., 1869, I, p. 289. — »

? *longicaudata*, Tomes, P. Z. S., 1861, p. 280. — »

*a.* — *Manzoni*, Aplin, P. Z. S., 1894, p. 302. — Uruguay.

1553. **chilensis** (E. Geoff.), Desm., Nouv. Dict. H. N., 1818, XXI, p. 515; Licht., Abh. Ak. Berlin, 1838, p. 272; Hensel, Abh. Ak. Berl., 1872, p. 85. — America Merid. Occident.: Brasil merid. (Rio Grande-do-Sul), Peru, Bolivia, Chili.

*furcatus*, Wagner, Schreb., Säug., II, 1840, p. 129; Tschudi, Fauna Peru., 1844, p. 114. — »

*amazonicus*, Licht., l. c., 1838, p. 275, pl. — »

*quitensis*, Licht., l. c., 1838, p. 273. — »

1554. **suffocans**, Illig., Verh. Ak. Berlin, 1811, p. 109; Licht., Darstell., pl. 48, fig. 1; Burmeist., Syst. Ubers., I, p. 111; Descr. Phys. Rep. Arg., 1879, III, p. 163; Hensel, Abh. Ak. Berlin, 1872, p. 86; Winge, E. Mus. Lundii, 1895, p. 41. — Brasil merid. (Rio Grande-do-Sul), Paraguay, Grand Chaco, La Plata.

†*fossilis*, Lund; Winge, E. Mus. Lundii, 1895, p. 41, pl. VIII. — † Pleist. Brasil merid.

*a.* — *Feuillei*, Gerv., Voy. Bonite, Mamm., 1840, pl. III, fig. 1—3. — Uruguay. Monte-Video.

1555. **Humboldtii**, Gray, Mag. Nat. Hist., 1837, I, p. 581; Cat. Carniv., 1869, p. 135 (Var. de *C. nasutus*); A. M.-Edw., Mission du Cap Horn, Zool., VI, 1890, pl. I et VIII. — Patagonia, Fretum Magellani, Cap. Horn, I. Terra-de-Fuoco.

*patagonica*, Licht., Abh. Ak. Berl., 1836 (1838), p. 275, pl.; Winge, E. Mus. Lund, 1895, p. 41. — »

? *Westermanni*, Reinh., Vid. Selsk. Forh., 1856, p. 270. — »

*a.* — *castanea*, Gerv., d'Orb., Voy. Am. Merid. Mam., 1850, p. 19, pl. XII. — Patagonia.

## 356. **Spilogale**, Gray, 1865; Merriam, 1890.

*Mephitis*, p., Auct. Vet.; †*Hemiacis* et *Galera*, p., Cope, 1869.

1890. **Merriam**, North American Fauna, N° 4, p. 1–15.

1556. **putorius**, L., Syst. Nat., 1758, Ed. X, I, p. 44 (ex: Putorius americanus striatus, Catesby); Coues, Bull. U. S. G. Surv., 1875, I, p. 12 (partim); Fur-bear. Anim., 1877, p. 239 (part.); Alston, Biol. Centr.-Am., 1880, p. 82 (part.); Merriam, North Am. Fauna, N° 4, 1890, p. 7. — America sept., (Regione Sonora) Florida.

*zorilla*, Licht., Abh. Akad. Berlin, 1836, p. 281, pl. II, fig. 2 (nec Darstell., 1834); »Zorille,« Buff., Hist. Nat., XIII, p. 302, pl. 41.

†*perdicida*, Cope, Proc. Am. Phil. Soc., 1869, p. 177, pl. III, fig. 1 (Galera); Proc. Acad. Philad., 1896, p. 387. — †Pleistocaen. Virginia.

1557. **interrupta**, Rafin., Ann. of Nature, I, 1820, p. 3; Licht., Abh. Ak. Berl., 1836, p. 281, pl. II, fig. 1; Gray, P. Z. S., 1865, p. 150; Cat. Carn., 1869, p. 139; Merriam, N.-Am. Fauna, l. c., 1890, p. 8. — Kansas, Mexico, Yucatan, Guatemala.

*quaterlinearis*, Winans; Coues, Fur-bear. An., 1877, p. 239.

*bicolor*, Gray, Ann. Nat. Hist., I, 1837, p. 583; Baird, Mam. N.-Am., p. 197, tab. 19. — »

1558. **ringens**, Merriam, North American Fauna, N° 4, 1890, p. 9. — Alabama.

1559. **indianola.** Merriam, North Amer. Fauna, N° 4, 1890, p. 10. — Texas Orient. Indianola.

1560. **lucasana,** Merriam, North Amer. Fauna, N° 4, 1890, p. 11. — California inf. Cap. Sancti-Lucasi.

1561. **leucoparia,** Merriam, North Amer. Fauna, N° 4, 1890, p. 11, pl. I, fig. 4—6. — Texas, Mason County.

1562. **gracilis,** Merriam, North Am. Fauna, 1890, N° 3, p. 83; N° 4, p. 12. — Arizona, (Grand Canon of Colorado).

1562[b]. **ambigua,** Mearns, Proc. Nat. Mus., XX, 1897, p. 3. — Mexico sept.

1563. **saxatilis,** Merriam, North Am. Fauna, 1890, N° 4, p. 13. — Utah.

1564. **phenax,** Merriam, North Am. Fauna, 1890, N° 4, p. 13. — California (Marin County); Oregon.

*a.* — *latifrons,* Merriam, loc. cit., p. 15. — »

*b.* — *arizonae,* Mearns, Bull. Am. Mus. Nat. Hist., 1891, p. 256. — Arizona.

## Subfam. 2. **Mustelinae.**

### Sectio 1. **Guloneae.**

### 357. **Gulo,** Storr, 1780.

*Mustela, Ursus* et *Taxus* p., Auct. Vet.

1565. **luscus,** L., Sys. Nat., 1766, I, p. 71; Baird, Mamm. N.-Am., 1857, p. 181.

*gulo,* L., Sys. Nat., 1756, I, p. 67; Schreb., Säug., 1775, p. 525, pl. 144, 144*.

*borealis,* Nilss., Ill. Fig., pl. XXXI; Blasius, Fauna Deuts., 1857, fig. p. 209.

*arcticus,* Desm., Mamm., 1820, p. 174.

*sibiricus,* Pall., Spic. Zool., XIV, pl. II.

*freti-hudsonis,* Briss., Regn. An., p. 20.

*leucurus,* Hedenb.

† *spelaeus,* Goldf., Nova Act. Leop., 1818, IX, p. 319; Nehring, 1880, 1891; Winterfeld, 1885; Brandt-Woldrich, 1887; Beyer, Ber. Wetterauisch. Ges. Hanau, 1895; Boule, Note sur des restes de Glouton, etc., 1896, fig. p. 4.

Reg. Arctica Orbis: Europa, Asia et America septent., a Groenland ad 55° Lat. sept. (M[s] Altaï, Germania sept., Reg. sept. Provinciae New-York).

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† Pleistocaen. Europa central. et merid., Belgia, Gallia merid., Helvetia, etc.

## 358. †Bunaelurus, Cope, 1873.

*Gulo*, p. et *Plesiogale*, p.: *Canis*, p., Cope.

1566. †**lagophagus**, Cope, Syn. Vert. Colorado, 1873, p. 8, Tertiary Vert., 1884, p. 946, pl. 67a, fig. 13. 14 (Plesiogale). — †Miocaen. Colorado.

*a.* — *osorum*, Cope, l. c., 1884, p. 947, pl. 67a, fig. 12. — »

## 359. Galictis, Bell, 1826 (nec Is. Geoff., 1837).

*Galera* et *Grisonia*, Gray, 1843; *Mustela*, *Gulo* et *Vivera*, p., Auct.

### A. Galictis.

1567. †**macrodon**, Cope, Proc. Ac. N. S. Philad., 1867, p. 138, 155; Leidy, Ext. Mam. Faun., 1869, p. 48. — †Pleistocaen. America sept. (United-States).

1568. †**intermedia**, Lund, Bras. Dyr., 1843, p. 78 et seq. pl. 46; Winge, E Mus. Lund., 1895, p. 38, 85, pl. VIII, fig. 2. — †Pleistocaen. Brasil merid.

? *major*, Lund, l. c., 1843. — »

? *Allamandi* (seu *crassidens*) *foss.*, Nehring, S.-B. Ges. Nat. Fr. Berlin, 1886, p. 52. — »

1569. **Allamandi**, Bell, Trans. Zool. Soc. Lond., 1841, II; Nehring, Zool. Jahrb., 1886, I, p. 184, fig. p. 192, 193 et 207. — America merid., Chili? Brasil merid., Minas Geraes.

*crassidens*, Nehring, S.-B. Ges. Nat. Fr. Berl., 1885, p. 167; 1886, p. 43, fig. p. 45; p. 95.

1570. **vittata**, Schreb., Säug., 1775, III, p. 447, pl. 124; Gay, Fauna Chil., I, p. 51; Burm., Syst. Ueb. Thier. Bras., 1854, I, p. 109; Descr. Phys. Rep. Arg., III, 1879, p. 158; F. Cuv., Mam. pl. 155. — America merid., Brasil sept., centr. et merid., La Plata, Parana, Chili, Patagonia sept.

*brasiliensis*, Thunb., Act. Petrop., IV, p. 401, pl. XIII; d'Orb., Voy. Am. Mérid., Mam., IV, p. 20, pl. XIII, fig. 3 (cran.). — »

*quiqui*, Molina (nec Burm.). — »

### B. **Galera,** Gray, 1843.

1571. **barbara.** L., Sys. Nat., 1766, I. p. 67; Bell. Zool. Journ., 1826, II, p. 552; Burm., Syst. Ueb. Thier. Bras., 1854, I, p. 108, Desc. Phys. Rep. Arg., III, 1879, p. 157; Alston, Biol. Cent.-Am., Mam., 1880, p. 79; Nehring, S.-B. Nat. Fr. Berlin, 1886, p. 95; F. Cuv., Mam., pl. 156. — America centrali et meridionali: Mexico, Yucatan, Honduras, Nicaragua, Costa-Rica, Panama, Am. merid. usque ad Rio do La Plata.

*canescens,* Licht., Doubl. Zool. Mus., p. 4. — »

*poliocephala,* Traill., Mem. Wern. Soc., III, p. 540, pl. XXIII. — »

*a.* — Var. *peruana,* Tschudi; Nehring, Zool. Jahrb., 1886, I. p. 206. — Peru.

*b.* — Var. *laïra,* F. Cuv., Mam., pl. 156; Nehring, l. c., 1886, p. 206. — Guyana.

## 360. **Lyncodon,** Gervais, 1845.

*Mustela,* p. Auct.

1572. **patagonicus,** Gerv., Dict. Univ. Hist. Nat. d'Orbigny, IV, 1845, p. 685 (Art.: Dents); d'Orb., Voy. Amér. Mérid., Mam., IV, p. 20, pl. XIII, fig. 4 (cran.); Hist. Nat. Mamm., II, 1855, p. 115 (dent.); Blainv., Ost. (Mustela), pl. XIII; Burm., Arch. Naturg., 1880, p. 111; Descr. Phys. Rep. Arg., III, 1879, p. 161; Matschie, S.-B. Ges. Natur. Fr. Berl., 1895, p. 171. — La Plata merid., Mendoza, Azul, Patagonia, Rio-Colorado, Rio-Negro.

*quiqui,* Burm. (nec Molina), Reise La Plata, 1861, II, p. 408. — »

## Sectio 2. **Musteleae.**

## 361. †**Stenoplesictis,** Filhol, 1880.

1573. †**Cayluxi,** Filhol, C.-R. Ac. Sc., 1880, XC, p. 1579; Ann. Soc. Sc. Phys. et Nat. Toul., 1882, p. 63, pl. VI, fig. 6—9; Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 143, pl. 8 et 9; Lydekk., Cat. Foss. Mam., 1885, I. fig. p. 97. — †Eocaen. Gallia merid.

1574. †**minor.** Filhol, Ann. S. Toul., l. c., 1882, p. 68; Schloss., l. c., 1888, p. 144. — †Eocaen. Gallia merid.

### 362. †**Palaeoprionodon,** Filhol, 1880.

*Plesiogale*, p., Filhol, 1877.

1575. †**mutabilis,** Filhol, Ann. Sc. Géol., VII, 1877, p. 42, pl. 25; Ann. Soc. Toulouse, 1882, p. 69, 74, pl. IV; Bull. Soc. Philom., I, 1888—89, p. 115; II, 1889—90, p. 142, fig. 2; Schlosser, Beit. Pal. O.-Ung., 1888, p. 146, pl. VI—IX. †Eocaen. Gallia merid.

*Lamandini*, Filhol, C.-R. Ac. Sc., 1880, XC, p. 1579; Bull. Soc. Toul., 1880, p. 87, pl. IV. »

1576. †**simplex,** Filhol, Bull. Soc. Philom., VII, 1882—83, p. 11. †Eocaen. Gallia merid.

1577. †**minutus,** Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 147, pl. VIII. † Eocaen. Gallia.

1578. †**pseudoplesictis,** Schloss.; Filhol, Ann. Soc. Géol., XXI, 1891, p. 118, pl. V, fig. 10—12. † Eocaen. Gallia.

### 363. †**Haplogale,** Schlosser, 1888.

*Pseudaelurus*, p., Filhol, 1877; *Proailurus*, p., Filhol, 1879; *Plesictis*, p., Depéret, 1892; ? *Diplotherium*, Jourdan.

1579. †**media,** Filhol, Ann. Soc. Sc. Nat. Toul., 1882, p. 75, pl. IV; Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 149. †Eocaen. Gallia merid.

1580. †**Julieni.** Filhol, l. c., 1882, p. 82; Schlosser, l. c., 1888, p. 150. †Eocaen. Gallia merid.

*a.* — Var. *priscus*, Filhol, l. c., 1882, p. 86. »

1581. †**mutata.** Filhol, Arch. Mus. Lyon, III, 1881, pl. IV, fig. 12—15; Depéret, Arch. Mus. Lyon, IV, 1887, p. 132, pl. XIII, fig. 9; V, 1892, p. 29, pl. I, fig. 12. † Miocaen. Gallia merid.

### 364. †**Stenogale,** Schlosser, 1888.

*Plesictis*, p., Pomel, Gerv.; *Plesiogale*, p. et *Pseudaelurus*, p., Filhol.

1582. †**gracilis,** (Pomel); Gervais, Zool. et Pal. gén., II, 1867, p. 55, pl. XIII, fig. 8—9; Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 152, pl. VII, fig. 2—9. †Eocaen. Gallia merid.

1583. †**intermedia,** Filhol, Ann. Sc. Géol., VII, 1876, p. 167, pl. XXV, fig. 108, 109, 114; Schloss., l. c., 1888, p. 153. — †Eocaen. Gallia.

1584. †**sp.,** Schloss., l. c., 1888, pl. 153. — †Miocaen. Suevia.

1585. †**aurelianensis,** Gerv., Zool. et Pal. Gén., I, 1867, pl. 18, fig. 5; Schlosser, l. c., 1888, p. 153. — †Miocaen. Gallia central.

1586. †**brevidens.** H. v. Meyer. Neu. Jahrb., 1859, p. 172; Schloss., l. c., 1888, p. 154, pl. VIII, fig. 24. — †Miocaen. Germania merid.

1587. †**robusta,** Cope. Amer. Natur., 1890, p. 950. — †Miocaen. America sept.

### 365. †**Pseudictis,** Schlosser, 1888.

1588. †**Guntianus,** Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 155, pl. VIII, fig. 1, 6, 10. — †Miocaen. Suevia.

1589. †**sp.,** Filhol, Arch. Mus. Lyon, 1881, pl. IV, fig. 8, 9. — †Miocaen. Gallia merid.

### 366. †**Parictis,** Scott, 1893.

1590. †**primaevus.** Scott. Amer. Nat., 1893, p. 658. — †Mioc. Amer. Sept. (Oregon).

### 367. †**Plesictis,** Pomel, 1846; Schloss. (emend.), 1888.

*Mustela,* p., Laiz. et Par., 1839; *Proplesictis,* Filhol, 1882.

1591. †**palmidens,** Filhol, Ann. Sc. Géol., VIII, 1877, p. 49; Schlosser, Beitr. Pal. O.-U., 1888, p. 132, pl. VII et VIII. — †Eocaen. Gallia merid.

1592. †**robustus,** Pomel, Bull. Soc. Géol., 1846, IV, p. 379; Filhol, Ann. Sc. Géol., 1879, X, p. 124, pl. XXII; Schloss., l. c., 1888, p. 134, pl. VIII. — †Miocaen. Gallia merid.

*a.* — Var. *gracilis,* Filh., l. c., 1879, p. 128, pl. XXII. — »

*b.* — Var. *Croizeti,* Filh., l. c., 1879, p. 131, pl. XXI. — »

1593. †**pygmaeus.** Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 134, pl. VIII. — †Eocaen. Gallia merid.

1594. †**formosus**, Filhol, Bull. Soc. Philom., VI, 1881—82, p. 121; Ann. Sc. Géol., 1882, p. 48. — †Eocaen. Gallia merid.

1595. †**Aymardi**, Filhol, Ann. Sc. Géol., XII, 1882, p. 39, pl. IX, fig. 48 (Proplesictis). — †Oligocaen. Gallia merid.

1596. †**Lemanensis**, Pomel, Cat. Méth., 1851, p. 61; Filhol, Ann. Sc. Géol., 1879, p. 134, pl. XXI, XXII; Schloss., Beitr. Pal. O.-U., 1888, p. 136, pl. VIII. — †Miocaen. Gallia merid. et Germania merid.

1597. †**palustris**, Pomel, Cat. Méth., 1851, p. 61; Filhol, Ann. Sc. Géol., 1879, p. 144, pl. XX; Bull. Soc. Phil., 1888—89, p. 106; Schlosser, l. c., 1888, p. 136, pl. VIII. — †Miocaen. Gallia et Germania merid.

*a*. — Var. *elegans*, Pomel, l. c., 1851, p. 62; Filhol, l. c., 1879, p. 148, pl. XX. — »

*b*. — Var. *genettoïdes*, Pomel, l. c., 1851, p. 61; Filhol, l. c., p. 149, pl. XX; Schloss., l. c., 1888, p. 137, pl. VIII. — »

*plesictis*, Laiz. et Par. (Mustela). Mag. Zool., 1839, pl. 5. — »

1598. †**minimus**, Filhol, Ann. Sc. Géol., 1879, p. 151, pl. XXVII; Schloss., l. c., 1888, p. 138, pl. VIII. — †Miocaen. Gallia merid.

1599. †**sp.**, Lydekk., Cat. Mam. Foss. Brit. Mus., 1885, I, p. 186. — †Miocaen. Gallia.

## 368. †**Palaeogale**, H. von Meyer, 1846.

*Mustela*, p., Auct.; *Plesiogale*, Pomel, 1846; *Bunaelurus*, Cope, 1873.

1600. †**felina**, Filhol, Bull. Soc. Philom., 1874, p. 87; Ann. Sc. Géol., 1877, p. 39, fig. 334, 335; Schloss., Beit. Pal. O.-U., 1888, p. 157, pl. VIII. — †Eocaen. Gallia merid.

1601. †**fecunda**, Meyer, Neu. Jahrb., 1846, p. 473; 1866, p. 577; Filhol, Ann. Sc. Géol., 1879, p. 185, pl. XXV; Schloss., l. c., 1888, p. 157, pl. VIII. — †Miocaen. Gallia et Germania merid.

*mustelina*, Pomel, 1853 (Plesiogale). — »

1602. †**pulchella**, Meyer, N. Jahrb., 1846, p. 474; Schloss., l. c., 1888, p. 157, pl. VIII. — †Miocaen. Gallia et Germania merid.

*minuta*, Gerv., Zool. et Pal. Fr., pl. 28. — »

1603. †**Gervaisi,** Schloss., Beit. Pal. Oest.-Ung., 1888, p. 156; Gerv., Zool. et Pal. Gén., I, pl. 26, fig. 1. — †Miocaen. Gallia merid.

1604. †**robusta.** Pomel. Cat. Méth., 1853. p. 49; Filhol, Ann. Sc. Géol., 1879, p. 181; Schloss., l. c., 1888, p. 156: (Mustela et Plesiogale, Pomel, nec Plesictis). — †Miocaen. Gallia merid.

1605. †**Waterhousei.** Pomel, Cat. Méth., 1853, p. 49; Filhol, Ann. Sc. Géol., 1879, p. 183, pl. XXV; Schloss., l. c., 1888, p. 158, pl. VIII. — †Miocaen. Gallia et Germania merid.

1606. †**sectoria,** Gerv., Zool. et Pal. Fr., 1e Ed., 1850, pl. 28; 2e Ed., p. 250; Lydekk., Cat. Mam. Foss., I, p. 181, fig. 26; Schloss., l. c., 1888, p. 159, pl. VIII. — †Miocaen. Gallia.

1607. †? **lemanensis,** Filhol. Ann. Sc. Géol., 1879, p. 190, pl. XXV (Mustela et Plesiogale, nec Plesictis). — †Miocaen. Gallia.

1608. †? **angustifrons,** Pomel. Bull. Soc. Géol., 1846, IV, p. 385; Gerv., Zool. et Pal. Franç., pl. 28; Filhol, Ann. Sc. Géol., 1879, p. 167, pl. XXV. — †Miocaen. Gallia.

*plesictis,* p., Blainv. (Mustela). »

*Pomeli,* Laurill. (Plesictis). »

## 369. **Mustela,** L. 1766.

1881. — **Hensel,** Nova Act. L.-Car. Nat. Cur., XLII, p. 127, fig.

*Martes,* Ray, 1693; Nilsson, 1835; *Amphicyon,* p., Gerv.

1609. †**Filholi,** Depéret, Arch. Mus. Lyon, IV, 1887, p. 129, pl. XIII; V, 1892, p. 24, pl. I; Schloss., Beit. Pal. O.-U., 1888, p. 138, pl. VIII; Filhol, Ann. Sc. Géol., 1891, p. 96. — †Miocaen. Europa media.

? *genettoïdes,* Blain., Gerv. »

1610. †**leptorhyncha,** Filhol. Ann. Sc. Géol., XXI, 1891, p. 105, pl. V. — †Miocaen. Gallia merid.

1611. †**zorilloïdes,** Lartet, Notice sur la Colline de Sansan, 1851, p. 17. — †Miocaen. Gallia merid.

1612. † **Larteti,** Filhol, Bull. Soc. Phil., XII, 1887—88, p. 25; Ann. Sc. Géol., 1891, p. 107, pl. V. — † Miocaen. Gallia merid.

1613. † **sp.,** Schloss., Beit. Pal. Oest.-Ung., 1888, p. 140, pl. VIII. — † Miocaen. Suevia.

1614. † **sp.,** Hofm., Abh. Geol. Reichs., XV, 1893, p. 34, pl. III. — † Miocaen. Styria.

1615. † **delphinensis,** Dep., Arch. Mus. Lyon, V, 1892, p. 26, pl. I, fig. 10. — † Miocaen. Gallia merid.

1616. † **Pentelici,** Gaudr., Anim. foss. de l'Attique, 1862, pl. VI, fig. 3, 4. — † Miocaen. sup. Graecia (Pikermi).

1617. † **Majori.** Weith., Jahrb. Geol. Reichs., XXXIX, 1889, p. 62. — † Pliocaen. Italia.

1618. † **sp.,** Weith., l. c., 1889, p. 70. — † Plioc. Italia.

1619. † **sp.,** Lydekk., Cat. Mam. Foss. Brit. Mus., 1885, I, p. 177, fig. 25. — † Pliocaen. India.

1620. † **arzilla,** Gregor., Atti Soc. Toscan., VIII, 1886, p. 241, pl. V—VIII. — † Pleistocaen. Sicilia.

1621. † **robusta,** Newton, Quart. J. Geol. Soc., 1894, p. 200. — † Pleistoc. Anglia.

1622. **martes,** L., Syst. Nat., 1766, I, p. 67; F. Cuv., Mam., pl. 152; Blasius, Säug. Deuts., 1857, p. 213, fig. 121, 122; Middend., Sib. Reis., Säug., 1853, p. 69, pl. 2; Alston, P. Z. S., 1879, p. 469. — Europa et Asia Sept., usque ad Alpes, Caucasum et Himalaya: Ins. Britannicae, Scandinavia, Italia sept., Persia, Turkestan, Syr-Daria, Ms Altaï, Siberia et Mantchuria.

*abietum,* Ray, Syn. Quadr., 1693, p. 200; Gray, P. Z. S., 1865, p. 104.

*sylvatica,* Nilss., Sk. Fauna, 1847, I, p. 41.

*α.* — Var. *altaica,* Pallas, Zoog. Ross.-As., 1811, I, p. 58; Gray, Cat. Carn., 1869, p. 82. — »

† *Schmerlingii,* Pomel. — † Pleistoc., Europa et Asia.

*martes foss.,* Auct. Rec.

1623. **melampus.** Temm., Fauna Japon., 1842, p. 31, pl. VII, fig. 3, 4; Brauns, Mitt. Ver. Herdk. Halle, 1884, p. 18. — Japon, Yeso.

*melanopus* et *japonicus,* Gray, P. Z. S., 1865, p. 105 et 104.

1624. **zibellina,** L., Sys. Nat., 1766, I, p. 68; Brandt, Zobel, pl. 2; Schrenck, Amurland, p. 27; Middendorff, Sib. Reis., Säug., p. 68, pl. 2; Gray, P. Z. S., 1865, p. 105. — Europa et Asia boreali a Scandinavia ad Kamtschatka: Ins. Kuriles, Japon sept.

*a.* — Var. *brachyura,* Temm., Faun. Japon, 1842, p. 33; Schrenck, l. c., p. 32; Brauns, Mitt. Ver. Herdk. Halle, 1884, p. 18.

*b.* — ? *toufaeus,* Hodgs., J. A. S. B., XI, p. 281. — Thibet.

1625. **intermedia,** Sewerzow, Ann. Nat. Hist., 1876, XVIII, p. 45; Fauna Turkestan., 1874 (Ross. Sermone). — Turkestan Orient., Desert. Kirghis.

?*foina,* part., Sclat., Cat. Mam. Ind. Mus., 1891, II, p. 275. — »

1626. **foina,** Erxleb., Sys. R. An., 1777, p. 458; Nilsson. Faun. Scand., I, 1820, p. 38; F. Cuv., Mam., pl. 153; Blas., Säug. Deuts., 1857, p. 217, fig. 123; Alston, P. Z. S., 1879, p. 469; Scully, P. Z. S., 1881, p. 202; Blanf., Mam. Ind., 1888, p. 160; Radde, Zool. Jahrb., IV, p. 1022. — Europa et Asia (Reg. Boreal. except.), ab Ins. Britann. ad Thibet: Asia minor, Taurus, Afghanistan, M$^{s}$ Himalaya (Gilgit, Ladak, Kumaon, Sikkim sup., supra 1800 m. altitud.). Turkestan, Yarkand, China merid.

*fagorum,* L., Sys. Nat., I, p. 67; Ray, Syn. Quadr., 1693, p. 200.

*abietum,* Horsf.; Adams, P. Z. S., 1858, p. 517 (nec Ray). — »

*toufaeus,* Blyth, J. A. S. B., XVI, p. 353 (partim, nec Hodgs.).

*leucolachnea,* Blanf., Yark. Mission, Mamm., 1879, p. 26. — »

1627. **flavigula,** Bodd., Elench. Anim., 1785, p. 88; Cantor, J. A. S. B., XV, p. 194; Blyth, P. Z. S., 1864, p. 485; Blanf., J. A. S. B., XLVII, 2, p. 156; Mamm. Ind., p. 158, fig. 38, 39; Hose, Mam. Borneo, 1893, p. 27. — M$^{s}$ Himalaya in merid. lat. a Kashmir ad Assam Orient. (infra 2500 m.); India et Birma (in mont.), Asia Centrali Or., Thibet, China usque ad flum. Amour; Malacca, Sumatra, Borneo; ? Ceylan.

*Hardwickei,* Horsf., Zool. Journ., IV, p. 239, pl. 28.

*quadricolor,* Shaw; *leucotis,* Griff. — »

*chrysogaster,* H. Smith, 1842 (Galidictis). — »

*Gwatkinsii,* Horsf., 1851; Blyth, Jardine, 1858.

Var. *borealis,* Radde, Ost-Sib., I, p. 19. — »

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| *a.* — † *sp.*, Lydekk., Cat. Foss. Mam., 1885, I, p. 177, fig. 25. | † Pliocaen. India (Siwaliks). |
| 1628. **Henrici,** Westerm., Bijdr. Dierk., 1849, I, p. 13, pl. 1. | Java, Sumatra. |
| *lasiotis,* Temm. | » |
| *a.* — Var. *leucotis,* Temm. (nec Bechst.); H. Smith, in Griffith, An. Kingd. II, 1827, p. 297; Grevé, Nov. Acta Ac. Leop., 1895, p. 180 (distr. geogr.). | Java, Sumatra, Borneo, Palawan, I. Natuna, Balabac, I. Calamianes, Sulu, Sibutu, I. Paternoster. |
| 1629. † **parviloba,** Cope; Scott et Osb., Bull. Mus. Comp. Zool., XX, p. 71. | † Pliocaen. America Sept. (Colorado). |
| *mustelina,* Cope, Ann. Rep. Geol. Surv., 1873, p. 520. | » |
| 1630. **americana,** Turton, Syst. Anim., 1803, I, p. 60; Baird, Mam. N.-Am., 1857, p. 153, pl. 27, 36; Allen, Bull. G. and G. Survey, 1876, p. 328; Coues, Fur-bear. An., 1877, fig. (cran.). | America Sept. et Oriental., ab Alaska, Canada et Lac. Super., ad Mont. Saxosos, Idaho et Pennsylvania. |
| *martes,* Var., Auct. Vet.: Allen, 1869. | » |
| *zibellina* Var. *americana,* Brandt. | » |
| *vulpina,* Raf., Am. Journ. Sc. I. | » |
| *leucopus,* Kuhl, Beitr., p. 70; Gerrard, Cat. Bones Brit. Mus., p. 91. | » |
| *huro,* F. Cuv., Dict. Sc. Nat., 29, p. 356. | » |
| 1630[b]. **atrata,** Bangs, Amer. Natur., 1897, p. 162. | Terra-Nova (Newfoundland). |
| 1631. **caurina,** Merriam, North Amer. Fauna, N° 4, 1890, p. 27. | America Sept.-Occid., a Territ. Washington ad Californiam Sept. |
| ? *zibellina* Var. *americana,* Brandt, Zobel. | |
| 1632. **Pennantii,** Erxleb., Syst. Regn. An., 1777, 470; Baird, Mam. N.-Am., 1857, p. 149, pl. 36; Coues, Fur-bear. Anim., 1877, fig. (cran); »Pekan«, F. Cuv., Mam., pl. 154; Thomas, P. Z. S., 1886, p. 125, pl. XI. | America Sept. a Reg. New-York ad Pennsylvaniam, et a M[s] Alleghanys ad Territ. Washington. |
| *canadensis,* Schreb., Säug., 1778, p. 492, pl. 134. | » |
| *nigra,* Turton, Syst. An., 1803, I, p. 60. | » |
| *piscator,* Shaw; *piscatoria,* Less. | » |
| *Goodmanni,* Fisch., Syn. Mam., 1829, p. 217. | » |
| *castaneus* et *ferrugineus* (Gulo), H. Smith. | » |

## 370. †**Proputorius,** Filhol, 1891.

1633. †**sansaniensis,** Filh., Ann. Sc. Géol., XXI. 1891, p. 112, pl. V, fig. 1—3. — †Miocaen. Gallia merid.

*a.* — Var. *crassa,* Filhol. l. c., p. 116. »

## 371. **Putorius,** Cuvier, 1817.

*Putorius, Gymnopus, Vison* et *Mustela,* Gray, 1865.

Species Americanae.

1896. **O. Bangs,** Proc. Biol. Soc. Washingt., Febr. 1896, X, p. 1—24.
1896. **H. Merriam,** North. American Fauna, N° 11, Jan. 1896, p. 1—32.
1896. **O. Bangs,** Proc. Boston Soc. Nat. Hist., XXVII, p. 1—6.

### A. **Lutreola,** Schinz, 1845.

*Vison,* Gray, 1865; *Lutra,* p., Erxleb., 1777.

1634. **lutreola,** L., Sys. Nat., 1766, I, p. 66; Pallas, Spicil. Zool., XIV, p. 46, pl. 8, fig. 1; Schreb., Säug., III, pl. 127; Trouessart, Faun. Mam. France, 1885, p. 214, fig. 89, 90, 91; Blas., Fauna Säug. Deuts., 1857, p. 234. — Europa sept., Scandinavia, Germania, Gallia Occid.-Sept., Rossia usque ad Caucasum.

*minor,* Erxleb., Syst., I, 1777, p. 451 (Lutra). »

*europaea,* Homeyer, Zool. Gart., 1877, p. 33. »

1635. **sibirica,** Pallas, Spicil. Zool., 1767, XIV, p. 86, pl. IV, fig. 2; Radde, Ost-Sib., I, p. 45; Schrenck, Amurl. Säug., p. 37; Gray, P. Z. S., 1865, p. 117; Swinhoe, P. Z. S., 1870, p. 624. — Siberia usque ad Reg. Amour; ? China, Tien-Sin, Amoy, Formosa.

1636. **Davidianus,** A. M.-Edw., Arch. Mus., 1870, VII, Bull., p. 92; Recherches sur les Mam., 1872, p. 343, pl. LIX, fig. 1; LX, fig. 2. — China sept.-oriental, Kiang-Si.

1637. **moupinensis,** A. M.-Edw., Rech. sur les Mam., 1872, p. 347, pl. LIX, fig. 2, LX, fig. 4. — China merid. et occid. (in montibus), Moupin, Thibet.

1638. **itatsi,** Temm., Fauna Japon, 1842, p. 34, pl. VII, fig. 2; Brauns, Jena Zeits., XIV, p. 577, pl. 27. — Japon.

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| 1639. **vison**, Briss., Regn. Anim., 1756, p. 246, Schreb., Säug., III, 1778, p. 463, pl. 127 B; Richards., Faun. Bor.-Am., 1829, p. 48; Aud. et Bachm., Quadr. I, p. 250, pl. 33; Baird, Mam. N.-A., 1857, pl. 37, f. 23; Coues, Fur-bear. An., 1877, fig. (cran.); Bangs, Proc. Bost. Sc. Nat. Hist., 1896, p. 3, pl. II, fig. 1. | America Sept.-Oriental., Canada (in montibus), United-States Or. in Reg. New-York, Pennsylvania; M[s] Alleghanis in Reg. Virginia et Carolina sept. (in montibus). |
| *canadensis*, Erxl., Syst., I, p. 447. | » |
| *nigrescens*, Baird, l. c., p. 180; Aud. et Bachm., l. c., III, pl. 124 (juv.). | » |
| *a.* — *lutreocephala*, Harlan, Faun. Am., 1825, p. 63; Gray, P. Z. S., 1865, p. 116; Bangs, Proc. Bost. Soc. N. H., 1896, p. 4, pl. I, fig. 1 et II, fig. 2. | United-States (Middle and Atlantic States) a Reg. Maine, Nova-Anglia, Maryland, ad Carolinam sept. (in vallis). |
| *b.* — *vulgivagus*, Bangs, Proc. Bost. Soc. N. H., 1895, XXIV, p. 539; 1896, XXVII, p. 5, pl. I, fig. 2, 3. | Louisiana et Reg. Or. Atlant. a Texas ad Floridam: ? Carolina merid. et Georgia. |
| *c.* — *energumenos*, Bangs, Proc. Bost. Soc. N. H., 1896, p. 5, pl. II, fig. 3. | America Sept.-Occidental., ab Alaska ad Californiam sept. |

## B. **Putorius**, p. d.

*Foetorius*, Keys. et Blas., 1840; *Cyanomyonax*, Coues, 1877.

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| 1640. † **ardeus**, Brav.; Pomel, Cat. Méth., 1853, p. 46; Gerv., Z. et Pal. Fr., 1850, p. 27, fig. 5; Schloss., Beit. Pal. Oest.-Ung., 1888, p. 160. | † Miocaen. Gallia. |
| *Putoriodus sp.*, Brav.; Gerv., l. c., 1850, pl. 27, fig. 9. | » |
| *mustelina (Lutra)*, Pomel, l. c., 1853. | » |
| *lutroïdes (Mustela)*, Pomel, l. c., 1853. | » |
| 1641. **putorius**, L., Syst. Nat., 1766, p. 67; Nilss., Ill. fig., pl. 30; F. Cuv., pl. 150; Blas., Faun. Säug. Deuts., 1857, p. 222. | Europa intermed., ab Ins. Britann. Gallia, Scandinavia, Hispania, ad Rossiam, Caucasum. |
| *foetidus*, Gray, List. Mam. B. M., 1843, p. 64; P. Z. S., 1865, p. 108. | |

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| *typus*, F. Cuv.; *communis*, G. Cuv. *vulgaris*, Griffith; Owen. | Europa intermed., ab. Ins. Britann. etc. |
| *a.* — *furo*, L., Syst. Nat., p. 68; Schreb., Säug., III, pl. 133; F. Cuv., Mam. pl. 148; J. de Fischer, Rev. des Sc. Nat., III, 1883, p. 140. | Europa merid., (domesticus). |
| *b.* — † Var. *Kejcii*, Woldrich, S.-B. Ak. Wien, 1882, 84, 1, p. 201. | † Pleistocaen. Germania merid. |
| 1642. **Eversmanni**, Lesson, Man. de Mamm., 1827, p. 144; Gray, P. Z. S., 1865, p. 109. | Siberia, Turkestan, Rossia Orient., Reg. Astrakan et Cosac. Don. (Tanaïs). |
| *putorius*, Var. *sibirica*, Pall., Zoog. Ross.-As., 1808, p. 89; Blyth, J. A. S. B., XI, p. 281. | |
| *putorinus*, Radde, Reise, I, Säug., 1862, p. 39, pl. I, fig. 6. | » |
| 1643. **larvatus**, Hodgs., J. As. S. Beng., 1849, XVIII, p. 447, pl. 11 et 12. | Asia centrali, Thibet, Ladak, Utsang (in sept. parte Reg. Sikkim). |
| *tibetanus*, Horsf., Catal., p. 105. | |
| 1644. **sarmaticus**, Pall., Spic. Zool., 1767, pl. 41; Itin., 1771, p. 453; Alston, P. Z. S., 1880, p. 53; Scully, Ann. Nat. Hist., VIII (5 ser.), p. 227; Thomas, Linn. Trans. (2), V, p. 58; Radde, Zool. Jahrb., IV, p. 1023; Blas., Säug. Deuts.; 1857, p. 226; Blanf., Ind. Mamm., 1888, p. 164, fig. 41. | Europa Orient., (Polonia, Rossia merid.) et Asia Occident. (Asia minor, Reg. Transcaspian. Persia, Afghanistan merid., Kandahar). |
| *peregusna*, Guldenst., Nov. Com. Petrop., 1770, p. 441. | » |
| 1645. †**nambianus**, Cope, Proc. Acad. Philad., 1874, p. 147; Rep. Survey Ouest 100 Merid., 1877, p. 305, pl. 59, fig. 3. | † Pliocaen. America sept. |
| 1646. **nigripes**, Aud. et Bachm., Quadr. N.-Am., II, 1851, p. 297, pl. 93; Coues, Fur.-bear. An., 1877, p. 149; Merriam, North-Am. Faun. N° 11, 1896, p. 7, pl. I, fig. 1, et fig. 1, p. 8; frontisp., fig. 2. | America sept., in »Great Plains« a Canada merid., Dakota sept.-occid. et Montana sept. ad Texas et orient. ped. Mont. Saxosorum, Kansas. |

## C. **Ictis**, Kaup, 1829.

*Arctogale*, Kp., 1829; *Gale*, Wagn., 1841; *Mustela*, Nilss., 1847; Gray, 1865.

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| 1647. **nivalis**, L., Acta Suecica, VI, pl. 8; Syst. Nat., 1766, I, p. 69; Radde; Schrenck; Brauns, Jena Zeits. Zool., XVII, p. 452; Thomas, Zoologist, 1895, p. 177. | Europa et Asia Sept., a Scotia ad Japon, et a Scandinavia ad Lusitaniam, Caucasum et Transcaucasiam. |
| *vulgaris*, Briss., Erxleben et Auct. Vet.; F. Cuv., Mam., pl. 151; Gray, P. Z. S., 1865, p. 113. | » |
| *gale*, Pallas, Zoogr. Ross.-As., 1834, p. 94. | » |
| *minutus*, Pomel, 1854. | » |
| †*gale*, *microgale* et *macrosoma*, Pomel, 1854. | †Pleistocaen, Europa. |
| *a.* — *Stoliczkanus*, Blanf., J. As. S. Beng., 1877, XLVI, 2, p. 260; Sc. Res. York. Miss., Mam., p. 30, pl. Ia, IIb; Thomas, Ann. Nat. Hist., 1895, XV, p. 453 (in fine). | Asia Occid., Turkestan, Afghanistan. |
| 1648. **boccamela**, Cetti, Quadr. Sardegna, 1774, p. 168; Bechst., Quadr. Deuts., I, 1801, p. 819; Sundev., Vet. Ak. Handl., 1841, p. 215; Bonap., Faun. Ital. pl.; Satunin, Zool. Jahrb., 1896, p. 295; Thomas, P. Z. S., 1895, p. 130. | Europa merid., Sardinia, Sicilia, Italia merid., Graecia, Caucasus, Asia minor, Persia, Kurdistan. |
| *vulgaris* Var. *meridionalis*, Costa et Auct. | » |
| 1649. **subpalmata**, Ehrenb., Symbol. Phys., 1832 (art.: *Herp. leucurus*, in fine); Sundev., Vet. Ak. Handl., 1842, p. 215; Thomas, P. Z. S., 1895, p. 130. | Africa sept., Ægyptus, Algeria, Maroc. |
| *numidicus*, Puch., Rev. et Mag. Zool., 1855, p. 392. | » |
| *africanus*, Pomel, C.-R. Ac. Sc., 1856 p. 654 (nec Desmar., 1818); Lataste, Le Naturaliste, 1885; Actes Soc. Linn. Bordeaux, 1885, p. 243; Expl. Scient. Tunisie, Mam., 1887, p. 20 (nota). | » |

1650. **africana,** Desm., Nouv. Dict. Hist. Nat., XIX, 1818, p. 376 (nec Pomel, nec Lataste); A. Smith, South Afr. Journal, II, p. 36; Gray, P. Z. S., 1865, p. 120; Heuglin et Fitzing., S.-B. Akad. Wien, 1867, LIV, 1, p. 563; Wright, P. Z. S., 1874, p. 312; Thomas, P. Z. S., 1875, p. 128, 130. — I. Malta, Africa sept., Ægyptus super.

1651. **astutus,** A. M.-Edw., Nouv. Arch. Mus., 1870, VII, Bull., p. 92; Rech. Mamm., 1872, p. 345, pl. LXI, fig. 2, LX, fig. 3. — China merid.-occid. (Moupin).

1652. **alpinus,** Gebler, Mém. Soc. Nat. Moscou, 1823, VI, p. 213; Horsf., Cat., p. 104; Radde, Ost. Sib., I, p. 48, pl. II, fig. 5—7; Severtzow, Ann. Nat. Hist. (4), XVIII, p. 45; Blanf., Mam. Ind., 1888, p. 168. — Ms Altaï, ? Amour, Thibet, Sikkim sept., Kumaon, Gilgit, Himalaya sup.

*temon,* Hodgs., J. A. S. B., XXVI, p. 207; Blanf., Yark. Miss., Mam., p. 32; Scully, P. Z. S., 1881, p. 203. — »

*a.* — *altaïcus,* Pallas, Zoog. Ross.-As., 1831, I, pl. 98. — Ms Altaï, Liberia merid.

1653. **Fontanieri,** A. M.-Edw., Recherches sur les Mam., 1872, p. 205, pl. LXI, fig. 1. — China sept., Pekin.

1654. **Cicognani,** Bp., Icon. Faun. Ital., I, 1838, fasc. 22, p. 4; Charlesw. Mag. Nat. Hist., II, 1838, p. 37; Richards., Zool. Beech. Voy., 1839, p. 10; Baird, Mam. N.-Am., 1857, p. 161; Mearns, Bull. Am. Mus., III, 1891, p. 235; Merriam, N.-Am. Fauna, N° 11, 1896, p. 10, pl. II, fig. 3 et 4. — America sept. et Orient., in Sylvis, a Nova-Anglia et Labrador ad Alaska merid.-or., et in Ms Saxosos usque ad Colorado; Columbia Britann. (ad Sicamons).

*vulgaris,* Richards. (nec Briss.), Fauna Bor.-Am. Mam., 1829, p. 45; Coues, Fur.-bear. An., 1877, p. 102; Merriam (1882) et Auct. — »

*Richardsoni Cicognani,* Bangs, Proc. Biol. Soc. Wash., 1896, p. 18. — »

*a.* *Richardsoni,* Bp., Charlesw., Mag. Nat. Hist., XI, 1838, p. 38; Merriam, l. c., 1896, p. 11. — Canada sept. ab Hudson Bay ad Alaska et Columbia britan.

*erminea,* Richards. (nec L.), Fauna Bor.-Am., 1829, p. 46. — »

*b.* — *alascensis,* Merriam, North Am. Fauna, N° 11, 1896, p. 12, pl. II, fig. 2. — Alaska (Juneau).

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| 1655. **Streatori,** Merriam, North Am. Fauna, N° 11, 1896, p. 13, pl. II, fig. 5, 6. | America Sept.-Occid., Washington et Oregon. |
| 1656. **rixosus,** Bangs, Proc. Biol. Soc. Wash., X, 1896, p. 21; Merriam, N.-Am. Fauna, l. c., 1896, p. 14, pl. II, fig. 7.<br>*pusillus,* p., Baird, Mamm. N.-Am., 1857, p. 159 (specimen ex Pembina). | America boreali ab Hudson Bay ad S[t] Michaels (Alaska), et ad Minnesota sept. et Montana. |
| 1657. **hibernica,** Thomas, Ann. Nat. Hist., 1895, XV, p. —; The Zoologist, 1895, p. 124. | Ins. Hibernia. |
| 1658. **ermineus,** L., Sys. Nat., I., 1766, p. 68; Blas., Fauna Säug. Deuts., 1857, p. 228; Hodgson; Radde; Schrenck; Severtzow; Brauns; Blanford, Mamm. Ind., 1888, p. 165.<br>*candida,* Ray, Syn., p. 198. | Europa et Asia sept. et intermed. (in montibus), a Scotia ad Japon et a Reg. Arcticis ad Mare Mediterran. (Alpes, Himalaya, Afghanistan, Nipal, Thibet (Lahore ad Yarkand) Kashmir. |
| *a.* — *algiricus,* Thomas, Ann. Nat. Hist., 1895, XV, p. 451. | Africa Sept., Algeria. |
| Var. *africana,* Gray (nec Desm.), P. Z. S., 1865, p. 111. | » |
| *b.* — *ferghanae,* Thomas, Ann. Nat. Hist., 1895, XV, p. 452. | Asia centrali, Ferghana. |
| 1659. **subhemachalanus,** Hodgs., J. A. S. B., VI, 1837, p. 563; Horsf., Cat., p. 103; Blanf., Mam. Ind., 1888, p. 166.<br>*humeralis,* Blyth, J. A. S. B., XI, p. 99.<br>*Horsfieldii,* Gray, Ann. N. H., 1843, XI, p. 118. | Afghanistan, Kashmir, Mussori, Landour, Nipal, Sikkim (ad 2300—4300 m.), Chola, Darjiling, Khasi-Hills. |
| *Hodgsonii,* Horsf., Cat., p. 103 (nec Gray). | » |
| 1660. **canigula,** Hodgs., J. A. S. B., XI, 1842, p. 279; Blanf., Mam. Ind., 1888, p. 167.<br>*Hodgsonii,* Gray (nec Horsf.), Ann. N. H., 1843, XI, p. 118. | Thibet, Lhassa, Chamba, Pangi (Himalaya Sept.-Occid., ad 2700 m.), Dharmsala, ?Kashmir. |
| 1661. **strigidorsus,** Hodgs., Gray, P. Z. S., 1853, p. 191; Horsf., P. Z. S., 1856, p. 398, pl. XLIX; Blanf., Mam. Ind., 1888, p. 170. | Himalaya sept., Sikkim, Darjiling. |

1662. **kathiah**, Hodgs., Journ. As. Soc. Beng., IV, 1835, p. 702; Gray, P. Z. S., 1865, p. 119; Blanf., Mam. Ind., 1888, p. 169.

*auriventer*, Hodgs., J. A. S. B., X, 1841, p. 909; XI, p. 280; Trouess., Bull. Mus. Paris, 1895, p. 235.

M$^{s}$ Himalaya a Mussori (1000—2700 m.) ad Assam (South Hill, Khasi Hills), et China merid.-orientali (M$^{s}$ Setchouen et Fo-Kien).

1663. **nudipes**, Desm.; F. Cuv., Mam., 1823, III, pl. 149; Blainv., Ostéog., pl. XIII; Sal. Müll.; Hose, Mam. Borneo, 1893, p. 27.

*leucocephalus*, Gray, P. Z. S., 1865, p. 119.

Sumatra, Java, Borneo, ?Malacca, I. Palawan, etc., Ins. Calamianes, I. Sula, I. Paternoster.

1664. **arcticus**. Merriam, North Amer. Faun., N° 11, 1896, p. 15, pl. II, fig. 1, et pl. V, fig. 6.

*erminea*, p., Auct. (nec L.).

*Richardsoni*, p., Auct. (nec L.).

*a*. — *kadiacensis*, Merriam, l. c., p. 16.

America Arctica (Tundras), Anderson River, Franklin Bay, Mackensie Riv. infer., Point Barrow, S$^{t}$ Michaels. Ins. Kadiak (Alaska).

1665. **noveboracensis**, Dekay, Catal., 1840, p. 18; Zool. New-York, Mam., 1842, p. 36; Baird, Mam. N.-Am., 1857, p. 166; Merriam, North Am. Fauna, N° 11, 1896, p. 16, pl. IV, fig. 1, 2; V, fig. 3.

*erminea*, p., Coues, Fur-bear. An., 1877, p. 109; Thomps., Aud. et Bachm., Allen et Auct.

America Sept.-Orient., United-States, Maine merid. ad Carolinam sept., et in Occid. ad Illinois.

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1666. **Washingtoni**, Merriam, North Am. Fauna, N° 11, 1896, p. 18, pl. IV, fig. 3, 4.

America Sept.-Occid. Reg. Washington, (Mount Adams).

1667. **peninsulae**, Rhoads, Proc. Ac. Nat. Sc. Philad., 1894, p. 152; Merriam, N.-Am. Fauna, l. c., 1896, p. 19, pl. IV, fig. 5; V, fig. 5.

Florida.

1668. **longicauda**, Bp., Charlesw. Mag. Nat. Hist., 1838, p. 37; Richards.; Baird., Mamm. N. Am., 1857, p. 169; Coues, Fur-bear. An., 1877, p. 136; Merriam, N.-Am. Fauna, N° 11, 1896, p. 19, pl. III, fig. 3, 4; V, fig. 1.

Canada (North Saskatchewan River, Carlton-House) et »Great Plains« usq. ad Kansas sept.

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| *ermineæ*, p., Richards., (nec L.), Fauna Bor.-Am., 1829, p. 46 (specimen ex Carlton-House). | Canada (North Saskatchewan) etc. |
| *a.* — *spadix*, Bangs, Proc. Biol. Soc. Wash., X, 1896, p. 8; Merriam, North Am. Fauna, N° 11, 1896, p. 21, fig. 10 et 11. | Minnesota (in limbo Sylvarum). |
| 1669. **saturatus**, Merriam, North Am. Fauna, N° 11, 1896, p. 21. | Oregon, Washington, Columbia britann. (M^s^ Cascades et Siskyou ad 4000 m. alt.) |
| 1670. **arizonensis**, Mearns, Bull. Am. Mus., III, 1891, p. 234; Merriam, N.-Am. Faun., N° 11, 1896, p. 22, fig. 12, 13, 14. | M^s^ Sierra-Nevada et M. Saxosi usque ad Columbia brit.: Arizona. |
| *longicauda*, p., Merriam, N.-Am. Faun., N° 5, p. 83 (nec Bp.). | |
| 1671. **Alleni**, Merriam, North Am. Fauna, N° 11, 1896, p. 24. | Dakota merid. (Black Hills). |
| 1672. **xanthogenys**, Gray, Ann. Mag. Nat. Hist., XI, 1843, p. 118; Zool. Voy. Sulphur, pl. 9; P. Z. S., 1865, p. 115; Baird, Mam. N.-Am. 1857, p. 176; Merriam, N.-Am. Faun., l. c., 1896, p. 25. | California merid. (San Diego). M^s^ Sierra Nevada (in amb. lateribus). |
| *brasiliensis frenatus*, Coues, Fur-bear. An., 1877, p. 142 (partim, nec Licht.) | » |
| *a. oregonensis*, Merriam, l. c., 1896, p. 25. | Oregon (Rogue River). |
| 1673. **frenatus**, Licht., Darstell. Neuer Säug., 1832, pl. XLII; Baird, Mamm. N.-Am., 1857, p. 173; Merriam, North Amer. Fauna, N° 11, 1896, p. 26, pl. III, fig. 1, 2, fig. 15, p. 31; frontisp., fig. 1. | America centrali. Oregon? California? Mexico! Yucatan. Guatemala, (nec Brasil, fide Merriam). |
| *brasiliensis*, Sevastianoff (nec Gmel.), Mém. Ac. Sc. Petersb., 1813, IV, p. 356, tab. IV; Coues, Fur-bear. An., 1877, p. 142; Alston, Biol. Centr.-Am., 1880, p. 78 (partim). | » |
| *a.* — *Goldmanni*, Merriam, North Am. Faun., N° 11, 1896, p. 28. | M^s^ in Merid.-Orient. parte Reg. Chiapas (2500 m.). |
| *b.* — *leucoparia*, Merriam, l. c., 1896, p. 29. | Michoacan (Mexico). |
| *c.* — ? Var. *brasiliana*, Gray, Cat. Carniv., 1869, p. 92. | Brasil (fide Gray). |

1674. **tropicalis**, Merriam, North Americ. Fauna, N° 11, 1896, p. 30, fig. 16. — Mexico merid. et Guatemala a Vera Cruz ad merid.

*? brasiliensis*, p., Alston, 1880.

1675. **affinis**, Gray, Ann. Mag. Nat. Hist., XIV, 1874, p. 375; Merriam, N.-Am. Fauna, N° 11, 1896, p. 31. — Costa Rica, Nova Grenada (Columbia).

*noveboracensis*, p., Frantzius (nec Dekay), Arch. Naturg., XXXV, p. 286. — »

1676. **aureoventris**, Gray, P. Z. S., 1864, p. 55, pl. 8 (juv.); 1865, p. 115 (nec Hodgs.); Ann. Nat. Hist., 1874, XIV, p. 374. — Equator (Quito). Nova-Grenada.

1677. **? sinuensis**, Humboldt. Rech. Zool., I, 1811, p. 348; Desm. Mam., 1820, p. 184. — America Centrali. Rio-Sinu, Colombia.

1678. **agilis**, Tschudi, Fauna Peru., 1844, p. 110. — Peru.

1679. **macrura**, Taczanowski, P. Z. S., 1874, p. 311, pl. XLVIII. — Peru.

1680. **Jelskii**, Tacz., P. Z. S., 1881, p. 647. — Peru Orient.

1681. **Stolzmanni**, Tacz., P. Z. S., 1881, p. 835. — Peru.

## Subfam. 3. **Lutrinae.**

### 372. †**Potamotherium**, E. Geoff., 1833.

*Lutrictis*, Pomel, 1846; *Stephanodon*, Meyer, 1847; *Lutra*, p., Filhol 1879, *Brachypsalis*, Cope, 1890.

1682. †**Valetoni**, E. Geoff., Rev. Encycl., 1833, 59, p. 88; Filhol, Ann. Sc. Geol., 1879, Art. 3, et Bibl. Hautes Etudes, Art. 1, p. 58, pl. 7, 8, 9; Bull. Soc. Philom., 1888—89, p. 17; Schloss., Beit. O.-U., 1888, p. 121, pl. VIII. — † Miocaen. inf. Europa, Gallia, Germania.

*mombachiensis*, Meyer, Neu. Jahrb., 1847, p. 182. — »

*clermontensis*, p., Blainv., Ost., Must., p. 59. — »

*robusta*, Nordm.; *incerta*, Gerv. — »

*a.* — *minor* (Meyer), Lydekk., Cat. Foss. Mam., 1885, I, p. 191. — Germania merid.

1683. †**pachygnathus**, Cope, Am. Nat., 1890, p. 950 (Brachypsalis); Proc. Ac. Nat. Sc. Philad., 1896, p. 385. — † Miocaen. America Sept. (Loup-Fork).

## 373. †**Enhydriodon,** Falconer, 1868.

*Amyxodon,* Falc., 1836; *Lutra,* p., Falc. (anteà) et Auct.

1684. †**Campani,** Meneghini, Atti Soc. Ital. Sc. Nat., IV, 1863, p. 19, pl. I; Schloss., Beit. Pal. O.-U., 1888, p. 125. — †Miocaen. Italia.

1685. †**Sivalensis,** Falc. et Cautl., Pal. Mem., 1868, I, p. 331, pl. 27, fig. 3, 4; Lydekk., Mem. Geol. Surv. Ind., 1884, p. 197; Cat. Foss. Mam., I, 1885, fig. p. 193. — †Pliocaen. inf. India sept.

*ferox,* Falc. et Cautl., l. c., 1868. — »

*Amyxodon sp.,* F. et C., loc. cit. — »

## 374. **Lutra,** Erxleb., 1777.

*Mustela,* p., L., 1766; *Barangia, Loutra, Nutria, Lutronectes, Hydrogale, Latax,* Gray, 1837, 1865 et 1867; *Aonyx* et *Pteronura,* Lesson, 1827; *Leptonyx,* Less., 1842; *Anahyster,* Murray, 1860.

1889. — **O. Thomas,** Proc. Zool. Soc. Lond., 1889, p. 190—200.

1686. †**Lorteti,** Filhol, Arch. Mus. Lyon, III, 1881, p. 56, pl. IV; Schlosser, Beit. Pal. O.-U., 1888, p. 123, pl. VIII; Hofmann, Jahrb. Geol. Reichs., 1888, p. 546, pl. VIII. — †Miocaen. Gallia et Germania merid.

*Gauditzensis,* Meyer, Jahrb. Min., 1867, (Mustela). — »

1687. †**dubia,** Blainv., Ost., Mustela, 1848, p. 67, pl. XIV (Potamotherium); Newton, Quart. Journ. Geol. Soc., 1890, p. 444, pl. 18; Depéret, Arch. Mus. Lyon, 1892, p. 22, pl. I; Hofmann, Abh. Geol. Reichs., XV, 1893, p. 35, pl. III. — †Miocaen. Gallia et Germania merid.

*mombachiensis,* p., Meyer (Stephanodon).

*carbonaria,* p., Meyer (Trochictis). — »

*Jaegeri,* Fraas, Württ. Jahresb., 1870, p. 164, pl. IV (Palaeomephitis). — »

1688. †**franconica,** Quenst., Petref., 1882, p. 47, pl. II, fig. 18—20; Schloss., Beit. Pal. O.-U., 1888, p. 124. — †Miocaen. Germania merid.

1689. †**ferreo-jurassica,** Meyer, Foss. Säug. Wurtt., 1845, p. 13. — †Miocaen. Germania merid.

*Valetoni,* Fraas (nec E. Geoff.), Württb. Jahresb., 1870, p. 165, pl. IV, fig. 18. — (Suevia).

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| 1690. †**hessica,** Lydekk., Proc. Zool. Soc., 1890, p. 3. | †Miocaen. Germania (Hessen). |
| 1691. †**affinis,** Gerv., Zool. et Pal. Franç., 1857, p. 244; Schlosser, Beit. Pal. O.-U., 1888, p. 124. | †Pliocaen. Gallia merid. |
| 1692. †**Bravardi,** Pomel, Bull. Soc. Géol., 1843, p. 168, pl. III, fig. 1, 2; Gerv., Zool. et Pal. Franç., 1859, pl. 27, fig. 6; Schloss., Beit. Pal. O.-U., 1888, p. 124. | †Pliocaen. Gallia. |
| *claverensis,* Croiz. et Job. | » |
| 1693. †**Reevei,** Newton, Quart. Journ. Geol. Soc., 1890, p. 446, pl. XVIII, fig. 2. | †Pliocaen. Anglia. |
| 1694. **lutra,** L., Sys. Nat., 1766, I, p. 66 (Mustela). | Europa et Asia septent., ab Ins. Britann. ad Japon et a Scandinavia. Rossia Sept., Siberia, ad Africam septent.; M$^{s}$ Himalaya (a Gilgit ad Brahmapoutra, 1300—4000 m.), India usque ad Pondichery, Ceylan, Assam, China, Yunnan, Birma. |
| *vulgaris,* Erxl., Sys. Regn. An., 1777, p. 448; Nilss., Ill. Fig., pl. 20; F. Cuv., Mam., pl. 160; Blas., Faun. Säug. Deuts., 1857, p. 237; f. 126, 127, 131; Blanf., Mam. Ind., 1888, p. 182; Radde, Zool. Jahrb., IV, p. 1022; Thomas, P. Z. S., 1889, p. 195. | |
| *piscatoria,* Kerr, 1792. | |
| *nair,* F. Cuv., Dict. Sc. Nat., XXVII, 1823, p. 247; Swinhoe; Anderson et Auct. | |
| *roensis,* Ogilby, P. Z. S., 1834, p. 111. | |
| *nudipes,* Melchior, Saug. Dan., 1834. | » |
| *indica* et *sinensis,* Gray, Mag. N. H., 1837, p. 580. | » |
| *aurobrunnea,* Hodgs., J. A. S. B., 1839, VIII, p. 320. | » |
| *nepalensis,* Gray, P. Z. S., 1865, p. 124. | » |
| *tarayensis,* Hodgs., 1839; *Whiteleyi,* Gray, 1865. | » |
| *kutab,* Schinz, 1844. | » |
| *angustifrons,* Lataste, Actes Soc. Linn. Bordeaux, 39, 1885, p. 115 (separata), in Cat. Mam. Barb., 1885; Cat. Mam. Tunisie, 1887, p. 18 (= *L. lutra*). | Africa sept., Algeria. Tunisia. |
| †*antiqua,* M. de Serres, Ann. Mus., XVIII, p. 334. | †Pleistocaen. Europa. |

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| 1695. **barang,** F. Cuv. (nec Raffles, nec Cantor, nec Gerrard), Dict. Sc. Nat., 1823, XXVII, p. 246; Thomas, P. Z. S., 1889, p. 195. | India ab Himalaya ad Travancore et a fl. Indus ad ostia fl. Gange, Birma, Malacca, Sumatra. |
| *simung* (Raffl., 1822), Lesson, Man. Mam., 1827, p. 156; Mull., Verhandl., p. 51; Horsf., 1851; Anders., 1878. | » |
| *monticola,* Hodgs., Cat., 1839, p. 14; Anders., Zool. Yunnan, 1878, p. 209, pl. XII, 1, 2, 3; Gray, P. Z. S., 1865; Cat. Carn., 1869, p. 105. | » |
| *Ellioti* (Anders.), ex Elliot, Madras Journ. Sc. Litt., 1839, X, p. 100, »L. nair«; Anders., loc. cit., 1878, p. 211; Blanford, Mam. Ind., 1888, p. 185; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 294. | » |
| *nair,* Elliot, l. c., 1839 (nec F. Cuv.). | » |
| *macrodus,* Gray, P. Z. S., 1865, p. 128 (ex Asia nec Brasil!). | » |
| 1696. **sumatrana,** Gray, P. Z. S., 1865, p. 123, fig. (cran.); Anders., Zool. Yun., 1878, p. 203, pl. 10 et 12 (cran.); Blanf., Mam. Ind., 1888, p. 186; Thomas, P. Z. S., 1889, p. 195. | Malacca, Sumatra, Borneo. |
| »*Barang,*« Raffles, 1822 (nec F. Cuv.); Cantor, 1846; Gerrard, 1862. | » |
| *a.* — †*palaeindica,* Falc. et Cautl., Pal. Mem., 1868, pl. 28; Lydekk., Mem. Geol. Surv. Ind., 1884, p. 13, pl. 27, fig. 1, 2. | † Pliocaen. India. |
| 1697. †**bathygnathus,** Lydekk., Mem. Geol. Surv. Ind., X, 1884, p. 16, pl. 27, fig. 3, 4. | † Pliocaen. India. |
| 1698. **cinerea,** Illig., Abh. Ak. Berl., 1811 (1815), p. 99; Thomas, P. Z. S., 1889, p. 195. | India Orient. a M$^s$ Himalaya ad Cap. Comorin (M$^s$ Nilgiris), et Himalaya a Mussori (3700 m.), ad Assam, Yunnan, China merid., I. Hainan, Birma, Malacca, Sumatra, Java, Borneo. |
| *leptonyx,* Horsf., Zool. Res., 1824, pl. VII; Gray, P. Z. S., 1865, p. 130; Blanf., Mam. Ind., 1888, p. 187. | |
| *perspicillata,* Is. Geoff., 1829. | |
| *Horsfieldii,* Gray, Ann. N. H., 1837, p. 119. | |
| *indigitata,* Hodgs., 1839; Gray, 1865 et 1869. | |
| *sikimensis,* Hodgs.; Horsf., Ann. Nat. Hist., 1855, p. 109. | » |
| *Swinhoei,* Gray, P. Z. S., 1867, p. 182. | » |

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| 1699. | **capensis,** Schinz, Cuv. Thierr., I, 1821, p. 214; Thomas, P. Z. S., 1889, p. 196. | Africa merid., Occid. et Orient.: Vet. Calabar, Senegambia, Cap. Bonae-Spei, Mozambica, Bagamoyo, Semliki, Karagoue, Africa tropicali orientali. |
| | *inunguis,* F. Cuv., Dict. Sc. Nat., 1823, XXVII, p. 247; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 86, fig. 50. | |
| | *Delalandi,* Less., Man. Mamm., 1827, p. 157. | |
| | *poensis,* Waterh., P. Z. S., 1838, p. 60. | » |
| | *calabaricus,* Murr., Proc. Roy. Phys. Soc. Edinb., II, 1860, p. 158. | » |
| | *Lenoiri,* Rochebr., Vert. Nouv. Afr. Occ., Sér. 3, 1888, p. 9. | » |
| 1700. | **maculicollis,** Licht., Arch. f. Naturg., 1835, I, p. 89, pl. II, fig. 1; Gray, P. Z. S., 1865, p. 132 (fig. cran.); Thomas, P. Z. S., 1889, p. 196. | Africa Occid. et Meridional.: Liberia, Cameron, Cafreria, Natal. |
| 1701. | **canadensis,** Kerr., Linn. An. Kingd., I, 1792, p. 173 (nec F. Cuv., 1823); Schreb., Säug., pl. 126; Baird, Mam. N.-Am., 1857, p. 184, pl. 28 (cran.); Coues, Fur-bear. An., 1877, p. 295, fig. (cran.). | America sept. Canada, United-States, usque ad Floridam, Idaho, Arizona, Colorado. |
| | *hudsonica* (Lacep.), F. Cuv., Suppl. Buffon, I, 1831, p. 194; Merriam, N.-Am. Fauna, N° 5, 1891, p. 82. | » |
| | *lataxina,* F. Cuv., Dict. Sc. Nat., XXVII, p. 243. | » |
| | *mollis,* Gray, 1837; Aud. et Bachm., Quadr., III, 1853, p. 976, fig. 122. | » |
| | *californica,* Baird, 1857 (nec Gray, 1837). | » |
| | *destructor,* Barnston, Canad. Nat., 1863, fig. (cran. et pedes). | » |
| 1702. | †**Rhoadsii,** Cope, Proc. Ac. Nat. Sc. Philad., 1896, p. 391. | † Pleistocaen. America sept. |
| 1703. | †**piscinaria,** Leidy, Contrib. Ext. Faun. Mam., 1873, p. 230, pl. 31, fig. 4. | † Pliocaen. America sept. |
| 1704. | †**lycopotamica,** Cope, Bull. U. S. Geol. Surv. Terr., V, 1880, p. 67 (Lutrictis). | † Pliocaen. America sept. |

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| 1705. **brasiliensis,** Zimm., Geogr. Gesch., II, 1780, p. 316; Blumenb., Abbild., pl. 93; F. Cuv., Dict. Sc. Nat., 27, 1823, p. 244; G. Cuv., Regn. Anim., 1829, I, pl. I, fig. 3; Burmeist., Hensel, Nehring (nec Gray); Thomas, P. Z. S., 1889, p. 197. | America Centrali et Meridionali-Oriental., (in flum. Atlanticis), a Guatemala ad Guiana, Brasil, Paraguay, usque ad fl. Rio do La Plata. |
| *lupina* et *paraguensis,* Schinz, 1821 (nec Kerr, 1792, qui = Chironectes minimus). | |
| *sambachii,* Gray, Mag. Nat. Hist., I, 1837, p. 580. | » |
| *platensis,* Gray, 1865 (nec Waterh., 1839). | » |
| *felina,* p., Alston, Biol. Cent.-Am., 1880, p. 87 (nec Molina). | » |
| †*brasiliensis foss.,* Winge, 1885. | † Pleistoc. Brasil. |
| 1706. **felina,** Molina, Saggio Stor. Nat. Chili, 1782, p. 342; Shaw, Gen. Zool., I, part II, 1800, p. 448; Gray, P. Z. S., 1865, p. 128 (nec Coues, 1877, nec Alston, 1880). | America merid., (in flum. Oceani Pacifici); Equator (San Lorenzo), Peru, Chili, Patagonia usque ad fretum Magellani. |
| *chilensis,* Kerr., Linn. An. Kingd., 1792, I, p. 172; Bennet, P. Z. S., 1832, p. 1; A. M.-Edw., Miss. Cap. Horn., VI, 1890. | |
| *californica,* Gray (nec Baird), Mag. N. H., 1837, I, p. 580 (non ex California). | » |
| *peruensis,* Gerv., Voy. Bonite, I, 1841, p. 15, Atlas, pl. III (cran.). | » |
| *brachydactyla,* Wagn., Schr., S. S., II, 1842, p. 261. | » |
| ?*montana,* Tschudi, Fauna Peru., 1844, p. 120. | » |
| 1707. **aterrima,** Pallas, Zoogr. Ross.-As., I, 1808, p. 81 (Viverra); Schrenck, Amurland, 1858, p. 43; Middendorff, Sib. Reis., 1853, I, p. 70. | Kamtschatka, ? Alaska, Canada Occid. (et Amer. Occid. usque ad Calif.?) |
| 1708. **paranensis,** Rengg., Säug. Parag., 1830, p. 128; Burm., Descr. Phys. Rep. Arg., III, 1879, p. 166; Thomas, P. Z. S., 1889, p. 199. | America Centrali et Merid., a Mexico ad fretum Magellani: Guiana, Brasil, (Sao- |

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| *platensis*, Waterh. (nec Gray), Voy. Beagle, 1839, pl. 40, fig. 4; d'Orb., Voy. Am. Merid., pl. XII, fig. 23. | Paulo, Rio Grande do Sul), Paraguay, La Plata, Patagonia. |
| *solitaria*, Wagn., Arch. Naturg., 1842, I, p. 358. | » |
| *enhydris* et *insularis*, F. Cuv., Dict. Sc. Nat., XXVII, 1823, p. 243, 245. | » |
| *latifrons*, Nehring, S.-B. Nat. Fr. Berlin, 1887, p. 23. | » |
| ? *aterrima* (partim), Thomas, P. Z. S., 1889, p. 199. | » |
| † *paranensis*, Amegh.; *platensis*, Winge, 1895. | †Pleistocaen. Brasil et La Plata. |

## 375. **Enhydra**, Fleming, 1822.

*Mustela* et *Lutra*, p., Auct. Vet.; *Pusa*, Oken, 1816; *Lataæ*, Gloger (nec Gray); Lydekk., 1895.

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| 1709. **lutris**, L., Sys. Nat., 1766, I, p. 66; Pallas, Zoog. Ross.-As., 1831, p. 100 (Phoca); Coues, Fur-bear. An., 1877, p. 326; Gray, P. Z. S., 1865, p. 136; Fleming, Phil. Zool., II, 1822, p. 187; Lydekker, P. Z. S., 1895, p. 421, fig. p. 422; 1896, fig. p. 235. | Rip. Oceani Pacifici sept. (Reg. Boreal. usque ad 50° Lat.), Siberia Orient. Kamtschatka. Ins. Mar. Behring, Japon sept., Alaska, America Sept.-Occid. usque ad Californiam inf. Mexico Occid. |
| *marina*, Erxleb., Sys. Regn. An., 1777, p. 445; Steller, Nov. Comp. Metr., 1751, 2, p. 367, pl. 16; Schreb., Säug., pl. 128; Hemprich, Licht., Darstell. Neu. Saug., pl. 19. | |
| *orientalis*, Oken, Lehrb. Natur., 1816, III, p. 986. | » |
| *Stelleri*, Less., Man. Mam., 1827, p. 156. | » |
| *gracilis*, Fisch., Syn. Mam., 1829, p. 229. | » |

## 376. †**Megencephalum**, Bruce, 1883.

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| 1710. †**primaevum**, Bruce, Contrib. Princeton Coll. Mus., Bull. 3, 1883, p. 36, pl. VII, fig. 6. | †Eocaen. America sept. |

## Familia IV. **Canidae.**

1880. — **Th. Huxley,** *Dental and Cranial Caract. of the Canidae,* P. Z. S., 1880, p. 238.
1890. — **St George Mivart,** *Monograph of the Canidae,* in-4°.

### Subfam. 1. †**Amphicyoninae.**

### 377. †**Dinocyon,** Jourdan, 1861.

*Hyaenarctos,* p., Gerv., 1853; *Harpagodon,* Meyer; *Amphicyon,* p., Auct.

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| 1711. | †**Thenardi,** Jourdan, C.-R. Ac. Sc., 1861, LIII, p. 562; Gerv., Zool. et Pal. Gén., 1867, p. 158; Filhol, Arch. Mus. Lyon, 1883, III, p. 43, pl. III, fig. 4, 5; Depéret, Arch. Mus. Lyon, IV, 1887, p. 138; V, 1892, p. 37, pl. I, fig. 20. | †Miocaen. Gallia et Germania merid., Austria. |
| | *Gutmanni,* Kittl., Ann. Naturh. Hofmus., VI, 1891, Not. p. 92 et seq. (Amphicyon). | » |
| | ? *maximus,* Meyer (Harpagodon). | » |
| 1712. | †**Göriachensis,** Toula, Jahrb. Geol. Reichs., XXXIV, 1884, p. 391, pl. VIII, fig. 12—14; S.-B. Akad. Wien, 1885, p. 407, pl. I—III; Depéret, Arch. Mus. Lyon, V, 1892, p. 38. pl. I, fig. 21. | †Miocaen. Europa, Gallia, Germania, (Styria). |
| | ? *Laurillardi,* Pomel, Cat. Méth., 1853, p. 72. | » |
| | *major,* Depéret, l. c., IV, 1887, p. 142 (fig. partim), ex Blainv. (partim). | » |
| | ? *hemicyon* Var. *minor,* Dep., l. c., 1887, pl. XIII, fig. 8. | » |

### 378. †**Hemicyon,** Lartet, 1855.

*Agriotherium,* p., Wagner; *Amphicyon, Dinocyon* et *Hyaenarctos,* p., Auct.

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| 1713. | †**sansaniensis.** Lartet, Notice sur la Coll. de Sansan, 1851, p. 8; Filhol, Arch. Mus. Lyon, III, 1881, p. 4, pl. II. | †Miocaen. Gallia et Germania merid. |
| | *hemicyon,* Gerv., Bull. Soc. Géol., 1853, X, p. 154, pl. IV, fig. 2 (Hyaenarctos); Zool. et Pal. Franç., 1859, p. 210, pl. 81 (Dinocyon). | » |

## 379. †**Pseudocyon,** Lartet, 1851.

1714. **sansaniensis,** Lartet, Notice Coll. Sansan, 1851, p. 16; Filhol, Ann. Sc. Géol., XXI, 1891, p. 153, pl. X, fig. 1—3. — †Miocaen. Gallia merid.

## 380. †**Amphicyon,** Lartet, 1837.

*Agnotherium,* Kaup, 1833; *Hemicyon* et *Pseudocyon,* Lartet (nec Wagner); *Canis,* p., Cuv.; *Cynelos,* Jourdan; *Amphalopex,* Meyer, 1849.

1715. †**lemanensis,** Pomel, Bull. Soc. Géol., 1846, IV, p. 379; Filhol, Ann. Sc. Géol., X, 1879, p. 77, pl. 10, 11, 14, 16; Arch. Mus. Lyon, III, 1883, pl. I, fig. 1. — †Miocaen. Europa; Gallia et Germania.

*Blainvillei,* Gerv., Zool. et Pal. Fr., 1859, pl. 28, fig. 12; *minor,* p., Blainv. — »

*claverensis,* Gerv., loc. cit. — »

*langensis,* Jourdan (Cynelos). — »

*gracilis, leptorhynchus* et *incertus,* Pomel, Cat. Méth., p. 70; Filhol, l. c., 1879. — »

*dominans,* Meyer. — »

1716. †**crassidens,** Pomel (nec Filh.), Catal. Méth., 1853, p. 72; Gervais, Zool. et Pal. Fr., 1859, p. 215, pl. 28, fig. 12; Schloss., Beit. Pal. (Est.-Ung., 1888, p. 69, 74, pl. IV; Hofmann, Jahrb. Geol. Reichs., XL, 1890, p. 519, pl. IV, — †Miocaen. Europa; Gallia, Germania.

? *intermedius,* Suess, S.-B. Akad. Wien, 1861, p. 225, pl. II. — »

1717. †**giganteus,** Laurill., Dict. Univ. Hist. Nat., 1849, III, p. 567; »Chien d'une taille gigantesque,« Cuv., Oss. Foss., IV, pl. 31, fig. 20, 21; Fraas, Fauna von Steinheim, 1870, p. 161, pl. IV; Wurtt. Jahresb., 1885, p. 313, pl. IV, fig. 1; Depéret, Arch. Mus. Lyon, IV, 1887, p. 140, pl. XIII; V, 1892, p. 40; Filhol, Ann. Sc. Géol., XXI, 1891, p. 160, pl. 11, 12; Hofmann, Göriach. Abh. Geol. Reich., XV, 1893, p. 23, pl. III, IV. — †Miocaen. Europa; Gallia, Germania.

*major,* Var., Blainv., Ost. Subursus, pl. XIV. — »

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| | *Eibiswaldensis*, Peters, Eibisw., 1868, pl. III. | †Miocaen. Europa; Gallia, Germania. |
| | *intermedius*, Meyer, N. Jahrb. Min., 1849, p. 548. | » |
| | *Steinheimensis*, Fraas (anteà). | » |
| | *Laurillardi*, Pomel, Cat. Méth., 1853, p. 72. | » |
| | *major*, Jourdan (Cynelos). | » |
| 1718. | †**pyrenaïcus**, Depéret et Rérolle, Bull. Soc. Géol., XIII, 1885, p. 499, pl. XVII, fig. 4—8. | †Miocaen. Gallia merid. |
| 1719. | †**zibethoïdes**, Blainv., Ost. Subursus (Viverra); Gerv., Zool. et Pal. Fr., 1859, pl. 28, fig. 5; Filhol, Ann. Sc. Géol., XXI, 1891, p. 99, pl. VI, fig. 1—15 (Mustela). | †Miocaen. Gallia et Germania merid. |
| | *dubia*, Fraas (Lutra), Fauna von Steinh., 1870, pl. I, fig. 18. | » |
| 1720. | †**crucians**, Filhol, Ann. Sc. Géol., X, 1879, pl. XII, fig. 1, 2. | †Miocaen. Gallia. |
| 1721. | †**incertus**, Pomel, Catal. Méth., 1853, p. 71; Schloss., Beitr. Pal. O.-Ung., 1888, p. 76. | †Miocaen. Gallia. |
| 1722. | †**Eseri**, Jäger, Fossil. Säug., Nachtr., p. 71, pl. X, fig. 43, 47; Plieninger, Wurtt. Jahresb., 1849, p. 216, pl. I, fig. 9. | †Miocaen. Würtemberg. |
| 1723. | †**palaeindicus**, Falcon.; Lydekk., Pal. Ind., 1876, X, p. 66, pl. VII, fig. 5, 8, 12; 1884, p. 71, 172, pl. XXXII, XLIII (Hyaenodon, p., Lyd., anteà). | †Pliocaen. India. |

### 381. †**Brachycyon**, Filhol, 1872.

*Canis*, p., Filhol (anteà).

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| 1724. | †**Gaudryi**, Filhol, Ann. Sc. Geol., 1872, pl. XIV, fig. 11—13; 1876, p. 63, pl. XIII, fig. 27—29. | †Eocaen. Gallia. |

### 382. †**Pseudamphicyon**, Schlosser, 1888.

*Amphicyon*, p. et *Cynodictis*, p., Filhol.

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| 1725. | †**crassidens**, Filhol (nec Pomel). Ann. Sc. Géol., VII, 1876, p. 85, pl. XVII, fig. 49—51 (Cynodictis); Schloss., Beitr. Oest.-Ung., 1888, p. 78. | †Eocaen. Gallia. |

1726. †**ambiguus,** Filhol, l. c., 1876, p. 55, pl. XII, XVII; 1879, p. 99, pl. XI, XII; Schlosser, l. c., 1888, p. 78 (Amphicyon). — †Eocaen. Gallia.

*a.* — Var. *brevis,* Filhol, Bull. Soc. Philom., VII, 1882—83, p. 15. — »

1727. †**palaeolycus,** Gervais, Journ. Zool., 1872, I, p. 265; II, 1873, pl. XVI, fig. 7—9 (Canis et Amphicyon); Schlosser, Beit. Pal. O.-U., 1888, p. 81. — †Eocaen. Gallia.

1728. †**lupinus,** Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 79. — †Eocaen. Gallia et Germania.

1729. †?**helveticus,** Pictet et Humb., Mat. Pal. Suisse, 1863, pl. V, fig. 1; Suppl., pl. XV, fig. 1—10 (Amphicyon). — †Eocaen. Helvetia.

1730. †?**curtus,** Filhol, C.-R. Acad. Sc., XCI, 1880, p. 344 (Amphicyon). — †Eocaen. Gallia.

## Subfam. 2. †**Simocyoninae.**

### 383. †**Simocyon,** Wagner, 1858.

*Gulo,* p., Kaup; *Metarctos,* Gaudry, 1860.

1731. †**diaphorus,** Kaup, Arch. Naturg., 1832, V, p. 151, pl. II; Oss. Foss. Darmst., 1833, part 2, p. 15, pl. 1. — †Miocaen. Germania (Hessen).

1732. †**primigenius,** Roth et Wagner, Abh. Bayr. Akad. Wiss., VII, 1858, part 2, pl. VII. — †Miocaen. Graecia (Pikermi).

*robustus,* Wagner, l. c., VIII, pl. VI, fig. 13 (Pseudocyon). — »

*minor,* p., Blainv., Ost. Subursus, p. 114. — »

*diaphorus,* Gaudry (nec Kaup), An. Foss. Attiq., 1862, pl. VI, fig. 1, 2. — »

*Canis lupus primigenius,* Wagner (anteà). — »

### 384. †**Enhydrocyon,** Cope, 1879.

1733. †**stenocephalus,** Cope, Bull. U. S. Geol. Surv., 1879, V, p. 56; Am. Natur., 1883, p. 245; Tert. Vert., 1884, p. 935, pl. 69, fig. 3—5. — †Miocaen. America sept. (Oregon).

### 385. †**Hyaenocyon,** Cope, 1879, emend., 1881.

*Enhydrocyon,* p., Cope (anteà, 1879).

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| 1734. | †**basilatus,** Cope, Bull. U. S. Geol. Surv., 1879, V, p. 57; 1881, VI, p. 181; Am. Nat., 1881, p. 497; 1882, p. 246, fig. 13 c; Tert. Vert., 1884, p. 942, pl. 75, fig. 3. | †Miocaen. America sept. (Oregon). |
| 1735. | †**sectorius,** Cope, Amer. Natur., 1882, p. 246, fig. 13 d; Tert. Vert., 1884, p. 943, pl. 70, fig. 1. | †Miocaen. Oregon. |
| | *basilatus,* p., Cope, 1879. | » |

### 386. †**Oligobunis,** Cope, 1881.

*Icticyon,* p., Cope, 1879.

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| 1736. | †**crassivultus,** Cope, Amer. Natur., 1881, p. 497; 1883, p. 246; Proc. Acad. Nat. Sc. Philad., 1879, p. 190; Tert. Vert., 1884, p. 940, fig. 34, pl. 69, fig. 1, 2. | †Miocaen. America sept. |

### 387. †**Cephalogale,** Jourdan, 1862.

*Canis,* p., Cuv., Blainv. et Croizet; *Amphicyon,* p., Pomel; *Cynodictis,* p., Filhol; *Viverra,* p., Quenst.

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| 1737. | †**Geoffroyi,** Jourdan, Bull. Soc. Sav., 1862; Filhol, Ann. Sc. Géol., 1879, X, art. 3, p. 107, pl. 17. | †Miocaen. Gallia. |
| 1738. | †**brevirostris** (Croizet), Blainv., Ost., Canis, 1845, p. 122; Gerv., Zool. et Pal. Fr., 1859, pl. 28, fig. 10, 11; Filhol, Ann. Sc. Géol., 1879, X, art. 3, p. 119, pl. 18, fig. 7—10. | †Miocaen. Gallia. |
| | *issiodorensis,* Blainv. (Canis), nec Croizet. | » |
| | *gracilis,* Pomel (Amphicyon). | » |
| 1739. | †**minor,** Filhol, l. c., 1879, p. 118, pl. 18, fig. 1—3 et 6; Zittel, Handb. Pal., IV, 1893, p. 632, fig. 529. | †Miocaen. Gallia. |
| 1740. | †**sp.** (aff. *minori*), Schloss., Beit. Pal. Oest.-Ung., 1888, p. 94, pl. IV et IX. | †Eocaen. Gallia. |
| 1741. | †**cadurcensis,** Filhol, Ann. Sc. Géol., 1876, pl. 17, fig. 44, 45 (Cynodictis); Schloss., l. c., 1888, p. 103. | †Eocaen. Gallia. |

1742. †**Filholi,** Mun.-Chalm.; Filhol, Ann. Sc. Géol., 1876, pl. 26, fig. 123, 124 (Canis); Schloss., Beit. Pal. O.-U., 1888, p. 103. — †Eocaen. Gallia.

1743. †**robusta,** Filhol, Ann. Sc. Géol., III, 1872, pl. 14; 1876, p. 84, pl. 13 (Cynodictis); Schloss., l. c., 1888, p. 102. — †Eocaen. Gallia.

1744. †**parisiensis,** Blainv., Ost., Canis, pl. XIII (Canis); Schlosser, l. c., 1888. — †Eocaen. Gallia.

*gypsorum,* Cuv., Rech. Oss. Foss., pl. 49, fig. 1. — »

1745. †**Greyi,** Filhol, Ann. Sc. Géol., 1876, p. 74, pl. 19, fig. 60 (Cynodictis); Lydekk., Cat. Foss. Mam., 1884, I, p. 110, fig. 14; Schlosser, l. c., 1888, p. 100. — †Eocaen. Gallia et Germania merid.

1746. †**Boriei,** Filhol, Bull. Soc. Philom., 1874, p. 86; Ann. Sc. Géol., 1876, p. 66, pl. 15, fig. 34 (Cynodictis); Schloss., l. c., 1888, p. 101. — †Eocaen. Gallia merid.

1747. †**Leymeriei,** Filhol, Ann. Sc. Géol., 1876, p. 85, pl. 17 (Cynodictis); Schloss., l. c., 1888. — †Eocaen. Gallia.

1748. †**curvirostris,** Filhol, Ann. Sc. Géol., 1876, p. 97, pl. 18 (Cynodictis); Schloss., l. c., 1888, p. 99. — †Eocaen. Gallia et Germania merid.

*ferrata,* Quenst. (Viverra). — »

## Subfam. 3. **Caninae.**

388. †**Cynodictis,** Brav. et Pomel, 1850 (emend. Schloss., 1888).

*Cynodon,* Aymard, 1848; *Cyotherium,* Aymard, 1850; *Amphicyon,* p., *Galecynus* et *Viverra,* Auct.

1749. †**lacustris,** Gerv., Zool. et Pal. Fr., 1852, p. 133, pl. 25, 26; Filhol, Ann. Sc. Géol., III, 1872, fig. 31, 32; Schloss., Beit. Pal. Oest.-Ung., 1888, p. 44, pl. 6, 7. — †Eocaen. Gallia.

1750. †**intermedia,** Filhol, Ann. Sc. Géol., VII, 1876, p. 110, pl. 23, 24; Schloss., l. c., 1888, p. 46, pl. 7, 9. — †Eocaen. Gallia merid.

*a.* — *viverroïdes,* Filhol, l. c., p. 117, pl. 23. — »

1751. †**Rossignoli,** Filhol, Ann. Sc. Géol., 1883, p. 48; Ann. Soc. Sc. Nat. Toul., 1882, p. 52, pl. VI. — †Eocaen Gallia merid.

1752. †**compressidens,** Filhol, Ann. Sc. Géol., III, 1872, pl. 16; VII, 1876, p. 136, pl. 25; Schlosser, Beit. Pal. O.-U., 1888, p. 48, pl. 7, 9. — †Eocaen. Gallia merid.

*a.* — *viverroïdes,* Filhol, Ann. Soc. Toul., 1882, p. 56. — »

*b.* — *sp.* (aff.), Schloss., l. c., 1888, p. 52. — »

1753. †**parisiensis,** Cuv., Rech. Oss. Foss., 1821, III, pl. 69, fig. 5—7 (Viverra); Gerv., Zool. et Pal. Fr., pl. 26, fig. 5, 6. — †Eocaen. Gallia septent.

*viverroïdes,* Blainv. (Canis). — »

1754. †**ferox,** Filhol, Ann. Soc. Sc. Phys. et Nat. Toul., 1882, p. 46, pl. V, fig. 10—12. — †Eocaen. Gallia merid.

1755. †**cayluxensis,** Filhol, Ann. Sc. Géol., III, 1872, pl. 15; VII, 1876, p. 101, pl. 20. — †Eocaen. Gallia merid.

1756. †**Quercyi,** Filhol, Ann. Soc. Sc. Phys. Nat. Toul., 1882, pl. V, fig. 7—9. — †Eocaen. Gallia merid.

1757. †**longirostris,** Filhol, Ann. Sc. Géol., 1872, pl. 15; 1876, p. 133, pl. 20. — †Eocaen. Gallia merid.

1758. †**brachyrostris,** Filhol, l. c., 1876, p. 91, pl. 24, fig. 102. — †Eocaen. Gallia merid.

### 389. †**Cyotherium,** Aymard, 1850.

*Cynodon,* Aymard, 1848 et Auct. (nec Spix, 1829).

1759. †**speciosum,** Filhol, Ann. Soc. Sc. Toul., 1882, p. 41, pl. VI, fig. 1, 2, 13. — †Eocaen. Gallia merid.

1760. †**Aymardi,** Filhol, Bull. Soc. Philom., VII, 1882—83, p. 12; Schlosser, Beit. Pal. O.-U., 1888, p. 34. — †Eocaen. Gallia merid.

1761. †**sp.,** Schloss., Beit. Pal. O.-U., 1888, p. 35, pl. IX, fig. 20, 21, 26, 49. — †Eocaen. Gallia merid.

1762. †**gracile,** Filhol, Ann. Sc. Géol., VII, 1876, p. 120; VIII, 1878, pl. 20 (Cynodictis); Schloss., l. c., 1888, p. 34, pl. IX. — †Eocaen. Gallia et Germania.

1763. †**leptorhynchum**, Filhol, Ann. Sc. Géol., VII, 1876, p. 124, pl. 21, 22, 24; Schloss., l. c., 1888, p. 35, pl. IX (Cynodictis). — †Eocaen. Gallia merid. et Germania.

*a.* — *viverroïdes*, Filhol, Ann. Soc. Toul., 1882, p. 59, pl. 6, 7. — »

1764. †**nanum**, Filhol, C.-R. Acad. Sc. Paris, 1880, XCI, p. 345. — †Eocaen. Gallia.

1765. †**velaunum**, Aymard; Pomel, Catal. Méth. Vert. foss., 1853, p. 66; Gerv., Zool. et Pal. Franç., 1859, p. 218, pl. 26. — †Oligocaen. Gallia.

1766. †**helveticum**, Rütimeyer, Eoc. Säug., 1862, p. 86, pl. V, fig. 6, 7. — †Eocaen. Helvetia.

? *angustidens*, Filhol, Ann. Sc. Géol., III, 1872, pl. 17; VII, 1876, p. 144, pl. 26, 35; Schloss., Beit. Pal. O.-U., 1890, p. 393 (Viverra). — Gallia.

*Hastingsiae*, Davies, Geol. Mag., I, 1884, p. 433, pl. 25 (Viverra); Lydekk., Quart. Journ. Geol. Soc., 1892, p. 373 (= V. angustidens, Filhol), fig. (cran.). — Anglia.

## 390. †**Plesiocyon**, Schloss., 1888.

*Cynodictis*, p., Filhol.

1767. †**dubius**, Filhol, Ann. Soc. Sc. Toul., 1882, p. 48, pl. VIII, fig. 11—13; Schloss., Beitr. Pal. Oest.-Ung., 1888, p. 118. — †Eocaen. Gallia merid.

*typicus* vel *Filholi*, Schloss., l. c., 1888 et 1890, p. 469. — »

## 391. †**Pachycynodon**, Schlosser, 1888.

*Cynodictis*, p., Filhol.

1768. †**crassirostris**, Filhol, Ann. Sc. Géol., VII, 1876, p. 104, pl. 21; Schloss., Beit. Pal. O.-U., 1888, p. 29, pl. 9. — †Eocaen. Gallia.

*a.* — *viverroïdes*, Filhol, Ann. Soc. Toul., 1882, p. 58. — »

1769. †**Filholi**, Schloss., Beit. Pal. Oest.-Ung., 1888, p. 30, pl. 9, fig. 1, 3, 5, 19. — †Eocaen. Gallia.

### 392. †**Amphicynodon,** Filhol, 1881.

*Cyotherium,* p., Aymard; *Cynodon,* p., Gervais.

1770. †**palustris,** Aymard; Pomel, Cat. Méth., 1853, p. 66; Gerv., Zool. et Pal. Fr., 1859, p. 218, pl. 26; Filhol, Ann. Sc. Géol., XII, p. 32, pl. 8, 9. — †Oligocaen. Gallia et Germania.

### 393. †**Daphaenos,** Leidy, 1853; Scott, 1889.

*Canis* et *Amphicyon,* p., Leidy, Cope et Auct.

1771. †**vetus,** Leidy, Proc. Acad. Philad., 1853, p. 393; 1854, p. 157; Ext. Mam. Fauna, 1869, p. 32, pl. I, fig. 1—6; Cope, Tert. Vert., 1884, p. 894, 896, pl. 47a et 60; Scott, Trans. Am. Phil. Soc., XVII, 1894, p. 73 et seq. — †Miocaen. America sept.

*Hartshonianus,* p., Cope, Syn. Vert. Colorado, 1873, p. 9; Tert. Vert., 1884, p. 896, pl. 67a (nec 1879). — »

1772. †**cuspigerus,** Cope, Proc. Am. Phil. Soc., 1878, p. 70; Tert. Vert., 1884, p. 898, pl. 68. — †Miocaen. America sept.

*entoptychi,* Cope, l. c., 1879, p. 372. — »

1773. †**gracilis,** Leidy (Amphicyon, nec Pomel), Proc. Acad. Phil., 1856, p. 90; 1857, p. 90; Ext. Mam. Faun., 1869, p. 36, pl. 1 et 5. — †Miocaen. America sept.

1774. †**osorum,** Cope, Annual Report Geol. Surv., 1874, p. 507 (Canis). — †Miocaen. America sept.

1775. †**angustidens,** Marsh, Am. Journ. Sc., 1871, II, p. 124 (Canis). — †Miocaen. America sept.

### 394. †**Temnocyon,** Cope, 1872.

*Canis,* p., Cope (anteà).

1776. †**altigenis,** Cope, Proc. Am. Phil. Soc., 1878, p. 68; Tert. Vert., 1884, p. 903, pl. 68, 70. — †Miocaen. America sept.

1777. †**Wallovianus,** Cope, Bull. Geol. Surv., 1881, VI, p. 179; Tert. Vert., 1884, p. 905, pl. 70a, fig. 10. — †Miocaen. America sept.

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| 1778. †**Josephi,** Cope, l. c., 1881, p. 179; Tert. Vert., 1884, p. 912, pl. 70, fig. 9. | †Miocaen. America sept. |
| 1779. †**ferox,** Evermann, Amer. Geol., XIII, 1894, p. 320. | †Miocaen. America sept. |

### 395. †**Hypotemnodon,** Evermann, 1894.

*Temnocyon,* p., Cope.

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| 1780. †**coryphaeus,** Cope, Proc. Ac. Phil., 1879, p. 180; Tert. Vert., 1884, p. 906, pl. 71, 71a, 72a; Evermann, Amer. Geol., 1894, XIII, p. 321. | †Miocaen. America sept. |
| *Hartshonianus,* p., Cope, 1879 (nec 1873). | » |

### 396. †**Cynodesmus,** Scott, 1893.

*Desmatocyon,* Cope (errore), 1894 (nomen nudum).

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| 1781. †**thooïdes,** Scott, Am. Nat., 1893, p. 660; Trans. Am. Phil. Soc., XVII, 1894, p. 63, pl. I, fig. 1—5. | †Miocaen. America sept. |

### 397. †**Aelurodon,** Leidy, 1858.

*Epicyon,* Leidy; *Prohyaena,* Schlosser; *Canis,* p., Cope et Leidy; *Amphicyon,* p., Auct.; *Palhyaena,* Auct.

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| 1782. †**saevus,** Leidy, Ext. Mam. Faun., 1869, pl. 118, fig. 9, 13, 14; Cope, Am. Nat., 1883; Tert. Vert., 1884, p. 945, fig. 36; Scott et Osb., Bull. Mus. Comp. Zool., 1890, p. 66, fig. 1, 2C. | †Pliocaen. America sept. |
| *ferox,* Leidy, l. c., 1869. | » |
| 1783. †**compressus,** Cope, Amer. Natur., XXIV, 1890, p. 1067. | †Miocaen.(?) America sept. |
| 1784. †**Haydeni,** Leidy, Ext. Mam. Faun., 1869, p. 30, pl. I, fig. 10; Scott et Osb., l. c., 1890, p. 66, fig. 2B (*Epicyon,* Leid., 1858). | †Pliocaen. America sept. |
| 1785. †**Wheelerianus,** Cope, Rep. Geol. Surv. West 100 Merid., 1877, p. 302, pl. 69, fig. 2; Tert. Vert., 1884, p. 945, fig. 35; Scott et Osb., l. c., 1890, p. 67; Schloss., Beit. Pal. Oest.-Ung., 1888, p. 28 (Prohyaena). | †Pliocaen. America sept. |

1786. †**hyaenoïdes,** Cope, Bull. U. S. Geol. Surv., VI, p. 388; Scott et Osb., l. c., 1890, p. 67. — †Pliocaen. America sept.

1787. †**taxoïdes,** Hatcher, Amer. Natur., 1894, p. 236, pl. I, fig. 2. — †Pliocaen. Nebraska.

1788. †**maeandrinus,** Hatch., loc. cit., 1894, p. 239. — †Pliocaen. Nebraska.

1789. †**ursinus,** Cope, Proc. Acad. Nat. Sc., 1875, p. 256; Ann. Report, 1875, 2, p. 988; Rep. Surv. West 100 Merid., 1877, p. 304, p. 69, fig. 1; Scott et Osb., l. c., 1890, p. 68. — †Pliocaen. Nov.-Mexico.

### 398. †**Elocyon,** Aymard, 1854.

*Cynodictis* et *Cynodon,* Auct.

1790. †**martrides,** Aymard; Pomel, Cat. Méth., 1855, p. 66; Gervais, Zool. et Pal. Fr., 1852, p. 219; Filhol, Ann. Sc. Geol., XII, p. 40, pl. XI, 62, 63. — †Miocaen. Gallia.

1791. †**göriachensis,** Toula, Jahrb. Geol. Reichs., 1884, p. 386, pl. VIII, fig. 1—10; Schloss., Beit. Pal. O.-U., 1888, p. 37. — †Miocaen. Styria et Gallia.

### 399. †**Canimartes,** Cope, 1892.

1792. †**Cumminsi,** Cope, Amer. Natur., XXVI, 1892, p. 1029. — †Pliocaen. Am. sept. (Texas).

### 400. †**Galecynus,** Owen, 1847.

*Canis,* p., v. Meyer; *Vulpes,* p., Auct.; *Amphicyon* et *Hyaenocyon,* p., Auct.

1793. †**palustris,** v. Meyer, Jahrb. Min., 1843, p. 701; Fauna d. Vorwelt, 1845, I, p. 4, pl. I; Schloss., Beit. Pal. O.-U., 1888, p. 39; Lydekk., Cat. Foss. Mam., 1885, I, p. 135. — †Miocaen. Helvetia.

*oeningensis,* Owen, Quart. Journ. Geol. Soc., 1847, III, p. 55, fig. 1, 3, 5. — »

1794. †**gregarius,** Cope, Pal. Bull., N° 16, 1873, p. 3; Bull. U. S. Geol. Surv., VI, p. 181; Tert. Vert., 1884, p. 916, pl. 67a, 68. — †Miocaen. America sept.

1795. †**Lippincottianus,** Cope, Syn. Vert. Foss. Colorad., 1873, p. 9; Ann. Rep. U. S. Geol. Surv., 1873, p. 506; Tert. Vert., 1884, p. 919, pl. 67a. — †Miocaen. America sept.

1796. †**Geismarianus.** Cope, Pal. Bull., N° 30, 1879, p. 9; Proc. Am. Phil. Soc., 1879, p. 71; Tert. Vert., 1884, p. 920, pl. 70, 70a. — †Miocaen. America sept.

1797. †**latidens,** Cope, Bull. U. S. Geol. Surv., VI, 1881, p. 181; Tert. Vert., 1884, p. 930, pl. 70. — †Miocaen. Amer. sept.

1798. †**lemur,** Cope, Bull. U. S. G. S., VI, 1881, p. 181; Tert. Vert., 1884, p. 931, pl. 70. — †Miocaen. Amer. sept.

## 401. **Canis,** L., 1766.

*Lupus,* Gray, 1868; *Dimenia* et *Dieba,* Gray, 1868; *Chrysocyon,* H. Smith 1839; *Neocyon,* Gray, 1868; *Lyciscus,* H. Smith, 1839; *Pseudalopex,* Gray, 1868; *Dasicyon,* H. Smith, 1839; *Lupulus,* Blainv., 1830; †*Lycorus,* Bourg., 1875.

### A. **Canis.**

1799. **familiaris,** L., Sys. Nat., 1766, I, p. 56 (pro memoria) et Var. domesticae numerosae (ex omnibus regionibus indigenae). — Orbis incola.

†*familiaris fossilis,* Pictet, 1853; Jeitteles, Mitth. Anthr. Ges. Wien, 1872, II, p. 169; Die Stammväter der Hunderasse, Wien, 1877; Studer, Arch. Anthrop., XII, 1880, p. 67; Wilckens, Biol. Central-Blatt, V, 1885—86, p. 459, 489, 518; 597, 621; 719, 751; Woldrich, Denks. Wien Akad., 1878; Zaborowski, Mat. Hist. prim. de l'Homme, 1885, II, p. 145; Pelzeln, Zool. Jahrb., 1886; Nehring, Naturw. Wochenschrift., 1888, II, p. 1; Zool. Jahrb., 1889, III, etc. — †Pleistocaen. Europa.

†*ferus,* Bourguignat, Ann. Sc. Géol., 1875, VI; Hist. *Canidae* Quatern., 1875. — »

†*Mickii,* Woldrich, Mitth. Anth. Ges. Wien, XI, 1881, p. 8, fig. — »

†*decumanus,* Nehring, S.-B. Ges. Nat. Fr. Berl., 1884, p. 153. — †Germania.

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| †*palustris*, Rütimeyer, Pfahlb., 1861. | †Helvetia. |
| †*intermedius*, Woldrich, l. c., 1878. | » |
| †*Spalletti*, Strobel, Boll. Paletn. Ital., 1880. | †Italia. |
| *mansuetus* (Synagodus), Cope et | Japon (domest.) |
| *pravus* (Dysodus), Cope (abnorm.), Proc. Acad., 1879, p. 186 et 188. | » |
| *americanus*, L.; *caribaeus*, Less., Tschudi. | America (dom.) |
| *ingae*, Tschudi, Faun. Peru., 1844. | Peru. |
| †*ingae pecuarius*, Nehring, S.-B. Ges. Naturf. Fr. Berlin, 1885, p. 5. | †Pleist. Peru. |
| †*ingae vertagus*, Nehring, l. c., 1885. | » |
| †*ingae molossoïdes*, Nehring, l. c., 1885. | » |
| *novae-hiberniae*, Fischer, 1829. | Nova-Hibernia (dom.) |
| *novae-zelandiae*, Gray; White, Trans. N.-Z. Inst., 1892, XXIV, p. 540. | Nova-Zelandia (dom.) |
| 1800. †**etruscus**, Fors.-Major, Atti Soc. Tosc., 1877; Boule, C.-R. Acad. Sc., Janv., 1889, p. 201; Schloss., Beit. Pal. O.-U., 1888, p. 26. | †Pliocaen. Italia. |
| 1801. †**Falconeri**, F. Major, l. c., 1777; Schloss., l. c., 1888. | †Pliocaen. Italia. |
| 1802. †**Cautleyi**, Bose, Quart. Journ. Geol. Soc., XXXVI, 1880, p. 135, pl. VI; Lydekk., Mem. Geol. Surv. Ind., 1884, X, 2, p. 82, pl. XXII. | †Pliocaen. India sept. |
| 1803. †**Neschersensis**, Croizet; Blainv., Osteog., Canis, p. 125, pl. 13; Gerv., Pal. Fr., 1859. p. 213; Brandt-Woldrich, Mem. Ac. Petersbourg, 1887, p. 40; Boule, Bull. Soc. Géol., 1889, XVII, p. 320 et seq.; C.-R. Acad. Sc., Janv., 1889, p. 201. | †Pliocaen. Gallia. |
| 1804. †**medius**, Brav., Gerv. Zool. et Pal. Fr., 1859. | †Pliocaen. Gallia. |
| 1805. †**sp.**, Gerv., Zool. et Pal. Gén., 1869, p. 160, pl. 26, fig. 3—9. | †Miocaen. Gallia merid. |

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| 1806. **lupus,** L., Sys. Nat., 1766, I, p. 58; Schreb., Säug., III, 1778, p. 346, pl. 81, 88; F. Cuv., Mam., 1824, pl. 169, 170; Blanf., Mam. Ind., 1888, p. 135; Mivart, Monog. Canidae, 1890, p. 3, pl. I et II. | Europa et Asia sept., a Gallia ad Reg. Amour, Japon sept. (Siberia Orient.), China sept., Persia Afghanistan, Beloutchistan, Himalaya Occ. (Gilgit), Sind Occ., Punjab. |
| *vulgaris,* Briss., Reg. An., 1756, p. 235; Gray, P. Z. S., 1868, p. 501. | |
| Var. *japonica,* Nehring, S.-B. Ges. Nat. Fr. Berl., 1885, p. 139. | |
| *a.* — Var. *lycaon,* Erxleb., Sys. Nat., 1777, I, p. 560; Desm., Mam., 1820, p. 198. | » |
| *b.* — †*spelaeus,* Goldf.; Nehring, Tund. und Stepp., 1890, p. 194; Gaudry, Mat. Hist. Temps Quat., IV, 1892, p. 123, pl. 24. | †Pleistocaen. Europa. |
| *juvillaceus,* Brav.; *hercynius,* Woldrich. | » |
| *nemesianus,* Bourg. (Lycorus), Can. Quat., 1875, p. 28, pl. 3. | Pleist. Gallia merid. |
| 1807. **laniger,** Hodgs., Calc. Journ., N. H., VII, 1847, p. 474; Blanf., P. As. S. Beng., 1877, p. 114; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 262. | Thibet Orient. et Occid., Ladak, Mongolia, China in Merid. Reg. Kuku-Noor. |
| *chanco,* Gray, P. Z. S., 1863, p. 94; Mivart, l. c., 1890, p. 8 (Var.), pl. III; Przewalsky, Reis. in Tibet, 1884. | |
| *a.* — Var. *niger,* Sclat., P. Z. S., 1874, p. 654, pl. 78; Mivart, l. c., 1890, p. 7, pl. II. | Thibet. |
| 1808. **pallipes,** Sykes, P. Z. S., 1831, p. 101; Stoliczka, J. A. S. B., XLI. p. 227; Thomas, P. Z. S., 1886, p. 56; Blanf., Mam. Ind., 1888, p. 137; Mivart, l. c., 1890, p. 9 (Var.), pl. IV. | India in merid. later. Montium Himalaya: Sind, Cutch, Bengal. |
| †*optimae-matris,* Jeitteles, 1877; Nehring, 1890. | †Pleistocaen. Europa (domest.). |
| †*Edwardsianus,* Bourg. (Cuon); Nehring, S.-B. Fr. Berl., 1890, p. 852. | †Pleist. Gallia. |
| 1809. **hodophylax,** Temm., Faun. Jap., Mam., 1847, p. 38, pl. 9; Brauns, The Chrysanth., 1881, I, p. 66, fig.; Mivart, l. c., 1890, Var. fig. p. 14; Nehring, S.-B. Ges. Nat. Fr. Berl., 1885, p. 139. | Japon merid., ab Ins. Nippon ad Ins. merid. |
| *lupus japonicus,* p., Nehring, loc. cit., 1885. | » |

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| 1810. | **Dingo,** Blumenb., Handb. Naturg., 1780, p. 103; Wagner, Gray et Auct.; Sclater. P. Z. S., 1871, p. 629; Gould, Mam. Austral., 1863, III, pl. 51, 52; Nehring, Zool. Jahrb., III. 1887, p. 51; Mivart, Monog. Canidae, 1890, p. 153, pl. XXXVII. | Australia, (?introduct. vel ferus (fide Nehring). |
| | *Dingo Australiae,* Desm., Mam., 1820, p. 191; F. Cuv., Mam., 1824, II. pl. | » |
| | *Australiae,* H. Smith (Chryseus), Nat. Libr., IX, p. 188, pl. 10. | » |
| | †*fossilis,* Wilkinson, Verh. Berl. Ges. Anthr., 1879. | † Pleistocaen. Australiae. |
| 1811. | †? **montanus,** Marsh, Am. Journ. Sc., 1871, II, p. 124. | † Eocaen. America sept. |
| 1812. | †**anceps,** Scott, Am. Nat., 1893, p. 660; Trans. Am. Phil. Soc., XVII, 1894, p. 75. | † Miocaen. America sept. (Montana). |
| 1813. | †**robustus,** Allen, Mem. Mus. Zool. Harv. Coll., X, 1885, 2, p. 1, 3 pl.; Am. Nat., 1886, p. 274 (Pachycyon). | † Pleistocaen. Amer. sept. (Virginia). |
| 1814. | †**indianensis,** Leidy, Journ. Ac. Nat. Sc. Philad., 1869, p. 368; Cope, Journ. Ac. Nat. Sc. Phil., IX, 1893, p. 453, pl. XXI, fig. 14—16. | † Pleistocaen. America sept., Indiana, Texas. |
| | *primaevus,* Leidy, Proc. Ac. Phil., 1854, p. 200; Journal Acad. Philad., 1856, III, p. 167, pl. 17. | » |
| 1815. | †**temerarius,** Leidy, Proc. Ac. Phil., 1858, p. 21; Ext. Mam. Faun., 1869, p. 29, pl. I, fig. 12. | † Pliocaen. America Sept. |
| 1816. | †**brachypus,** Cope, Bull. U. S. Geol. Surv., VI, 1881, p. 389. | † Miocaen. sup. America Sept. |
| 1817. | †**dirus,** Leidy; Cope, Rep. Geol. Surv. West 100 Merid., 1877, p. 301. | † Pleistocaen. America sept. |
| 1818. | **mississipensis,** Allen, Bull. Mus. Comp. Zool., X. 1855. | † Pleistocaen. America sept. |
| 1819. | **occidentalis,** Richards., Faun. Bor.-Am., 1829, p. 60; Baird, Mam. N.-Am., 1857, p. 104; De Kay, N. Hist. N.-York, 1842, I, p. 42, pl. 27; Mivart, l. c., 1890, p. 10, pl. V (Var.). | America sept. a Groënland ad Sonora (Santa-Cruz), Mexico sept. et usque ad Guanajuato. |

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| *griseus,* Richards., l. c., 1829, p. 66; Aud. et Bachm., Quadr., III, 1854, p. 279. | America sept. a Groënland ad Sonora (Santa-Cruz), Mexico sept. usque ad Guanajuato. |
| *a.* — Var. *mexicanus,* Briss., Reg. An., 1756, p. 237; Baird, Mam., 1857, p. 113. | |
| *lupus,* p., Alston, Biol. Cent.-Am., 1880, p. 65. | |
| *b.* — Var. *ater,* Richards., l. c., 1829, p. 113; Aud. et Bachm., l. c., II, 1851, pl. 67. | » |
| *c.* — Var. *albus,* Sabine, Frankl. Journ. Polar See, 1823, p. 655; Aud. et Bachm., II, pl. 72. | America boreali. Canada, Groënland. |
| 1820. **nubilus,** Say, Long's Exped., 1823, I, p. 169; Richards., Faun. Bor.-Am., 1829, p. 69; Baird, Mam. N.-Am., 1857, p. 111 (Var. Canis occidentalis, fide Mivart). | America sept. Occid., Nebraska, Idaho, California. |
| *variabilis,* Wied, Reis. N.-Am., 1841, II, p. 95. | » |
| 1821. **Simensis,** Rüpp., N. Wirb. Abyss., 1835, p. 39, pl. 14; Wagner, S. S. S., II, 1840, p. 382; Gray, P. Z. S., 1868, p. 506 (Simenia); Mivart, Monog. Canidae, 1890, p. 18, 19, fig. 18 (cran.), pl. VI. | Africa Sept.-Orient.: Abyssinia, Ms Simen. |
| 1822. † **acutus,** Ameghino, Mam. Fos. Rep. Argent., 1889, p. 305. | † Miocaen. America Merid., La Plata. |
| 1823. † **robustus,** Amegh. (nec Allen), l. c., 1889, p. 307 (Macrocyon). | † Pliocaen. La Plata. |
| 1824. † **ensenadensis,** Amegh., l. c., 1889, p. 297, pl. I, fig. 25, 26. | † Pleistocaen. La Plata. |
| 1825. † **proplatensis,** Amegh., Rev. Argent., I, 1891, p. 441. | † Pliocaen. La Plata. |
| 1826. † **palaeoplatensis,** Amegh., l. c., 1891, p. 441. | † Pleistocaen. La Plata. |
| *platensis,* Mercerat (nec Brav.). | » |
| 1827. † **Moreni,** Lydek., An. Mus. La Plata, III, 1894, p. 3. | † Pleist. La Plata. |
| 1828. † **troglodytes,** Lund, Blik paa Bras. Dyr., 1845, pl. 45, fig. 1, 2 (Protocyon et Palaeocyon, Lund); Winge, E Mus. Lundii, 1895, p. 26, pl. II et III. | † Pleistocaen. Brasil merid. |
| *spelaeus,* Lund (Canis). | » |
| *validus,* Lund; Winge, l. c., p. 81. | » |
| *lycodes,* Lund; Amegh., l. c., 1889, p. 305; Winge, l. c., 1895, p. 81. | † Pleistocaen. La Plata. |

1829. † **avus,** Burm., Desc. Phys. Rep. Arg., III, 1879, p. 145; Amegh., Mam. Fos. Rep. Arg., 1889, p. 303. †Pleistocaen. La Plata.

*platensis,* Brav. (nec Merc.). »

1830. † **protojubatus,** Amegh., Mam. Fos. Rep. Arg., 1889, p. 303; Revista Argent., 1891, p. 440, fig. 100. †Pleistocaen. La Plata.

1831. **jubatus,** Desm., Mam., 1820, p. 198; Rengg., Naturg. Säug. Parag., 1830, p. 138; Burm., Fauna Brasil., p. 25, pl. 21, 26; Hensel, Zool. Gart., XIII, 1872, p. 76; Sclater, P. Z. S., 1877, p. 806, pl. 81; H. Smith, Nat. Libr., 1839, IX, p. 242 (Chrysocyon); Gray, P. Z. S., 1868, p. 506; Mivart, Monog. Canidae, 1890, p. 21, fig. 19, p. 24, pl. VII. America merid., Brasil merid. (Minas-Geraës), Paraguay, La Plata sept. (Gran-Chaco).

*campestris,* Wied, Beitr., II, p. 334. »

*brasiliensis,* F. Cuv., Mam., 1824, pl. 171. »

1832. **antarcticus,** Shaw, Gen. Zool., 1800, I, p. 331; Desm., Mam., 1820, p. 199; Waterh., Zool. Beagle, Mam., 1839, p. 7, pl. IV; Burm., Descr. Phys. Rep. Argent., 1879, III, p. 142; H. Smith, Nat. Libr., IX, 1839, p. 252, pl. 23 (Dasicyon); Gray, P. Z. S., 1868, p. 531 (Pseudalopex); Mivart, Monog., 1890, p. 26, pl. VIII. Ins. Falkland (Amer. merid. orient.).

B. **Lupulus,** Blainv., 1830.

*Lyciscus,* H. Smith, 1839; *Sacalius,* H. Smith, 1839; *Chrysocyon,* Gray, 1868.

1833. **latrans,** Say, Long's Exp. Rock. Mont., 1823, I, p. 168; Harlan, Faun. Amer., 1825, p. 83; Richards., F. Bor.-Am., 1829, p. 73, pl. IV; Aud. et Bachm., Quad. I, p. 150, pl. 71; Baird, Mam., 1857, p. 113; Rep. Mex. Bound., II, 1858, p. 15; Coues, Am. Nat., 1868, I, p. 289; VII, 1873, p. 385; Alston, Biol. Centr.-Am., 1880, p. 60; Mivart, Monog., 1890, p. 30, pl. IX. America Sept. (Occid., Central. et merid.): Kansas, Nebraska, Nov.-Mexico, Texas, Mexico, Costa-Rica, Guatemala.

*ochropus,* Eschsch., Zool. Atlas, III, 1829, p. 1, pl. 11; Gray, Zool. Sulph., 1844, I, p. 32, pl. X. »

*frustror,* Woodh., P. Ac. Philad., V, 1850—51, p. 147. »

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| 1834. | **aureus,** L., Sys. Nat., 1766, I, p. 59; Schreb., Säug., III, p. 365, pl. IV; Pallas, Zoogr. I, p. 39, pl. III; F. Cuv., Mam., pl. 172; Lataste, Act. Soc. Lin. Bord., 1885, t. 39, p. 90 (separata); Expl. Tunisie, Mam., 1887, p. 7; Blanf., Mam. Ind., 1888, p. 140; Mivart, Monog., 1890, p. 35, pl. X; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, II, p. 264. | Europa Merid.-Orient.: Dalmatia, Graecia (Peloponesos), Rossia merid. (Crimea); Africa sept., Algeria, Tunisia, Ægyptus, Asia minor, Persia, India ab Himalaya ad Cap. Comorin, Ceylon; Birma usque ad Moulmein. |
| | *syriacus,* Ehrenb., Symb. Phys., 1832, pl. 16. | » |
| | *indicus (Oxygoüs),* Hodgs., Journ. As. S. B., X, 1841, p. 908. | » |
| | *barbarus,* Shaw (nec H. Smith), Blainv., Ostéog., pl. IV. | » |
| 1835. | **anthus,** F. Cuv., Mam., 1824, II, pl. 173—175; Rüpp., Atlas Zool., 1826, p. 44, pl. 17; Gray, P. Z. S., 1868, p. 502 (Dieba); Cat. Carn., 1869, p. 189; Lataste, l. c., 1887, p. 8; Mivart, Monog., 1890, p. 41, pl. XI, fig. 20, p. 43. | Africa sept. et Occid.: Algeria, Tunisia, Ægyptus, Somali, Kordofan, Senegal. |
| | *barbarus,* H. Smith (nec Shaw), Nat. Libr., 1839, IX, p. 218; »Chacal d'Alger«, Is. Geoff., Exped. Morée, Zool. III, p. 22. | » |
| | *lupaster,* Hempr. et Ehrenb., Symb. Phys., 1833, déc. 2, N° 1. | » |
| *a.* | — *variegatus,* Cretzschm., Rüpp., Atlas Zool., 1826, p. 31, pl. X; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 64, fig. 35. | Abyssinia, Kilimandjaro, Usandawi, Africa Oriental. centrali. |
| *b.* | — *riparius,* Hemp. et Ehr., S. Ph., 1833, N° 4. | Litt. Mar. Rubri. |
| *c.* | — *hadramanticus,* Noack, Zool. Anz., 1896, p. 356. | Arabia. |
| 1836. | **mesomelas,** Schreb., Säug., III, 1878, p. 370, pl. 95; Desm., Mam., p. 201; Smith, S.-Afr. Quart. Journ., 1825, II, p. 85; Rüppel, N. Wirb., p. 39, Blanf., Obs. Geol. Zool. Abyss., 1870, p. 237; (Vulpes-), Gray, P. Z. S., 1868; (Thous-), H. Smith, Nat. Libr., pl. 12; Mivart, Monogr., 1890, p. 45, pl. XII. | Abyssinia, Africa merid., Cap Bonae-Spei, Angola. |
| 1837. | **adustus,** Sundev., Ofv. Vetensk. Akad. Forh., 1846, p. 121; Peters, Reis. Mossamb., Säug., 1852, p. 125; Gray, P. Z. S., 1868, p. 515 (Vulpes); Mivart, Monog., 1890, p. 49; pl. XIII: Schäff, Zool. Jahrb., 1892, p. 522, pl. 25; B. du Bocage, Jorn. Sc. Lisb., 1889, p. 182; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 65. | Africa Orient. Centrali et Merid.: Mozambica, Zambezia, Angola, Cafreria. |

*lateralis*, Sclat., P. Z. S., 1870, p. 279, pl. XXIII; B. du Bocage, l. c., 1889, p. 183. — Gabon, Congo.

1838. **holubi**, Lorenz, Verh. Ges. Wien, 1895, p. 100. — Africa meridional.

1839. **magellanicus**, Gray, P. Z. S., 1836, p. 88; Waterh., Zool. Beagle, Mam., 1839, p. 10, pl. V; Gay, Hist. Nat. Chile, Zool., I, p. 59; Gray, P. Z. S., 1868, p. 512; Burm., Faun. Bras., 1856, p. 24 et 51; Descr. Rep. Arg., 1879, III, p. 146 (Pseudalopex); H. Smith, Nat. Libr., IX, p. 266, pl. 30; A. Milne-Edwards, Miss. Cap. Horn., VI, 1890, Mam., p. 5; Mivart., Monog., 1890, p. 52, pl. XIV, fig. 21, p. 55. — Chili, Bolivia, Ms Reg. La Plata (Catamarca). Patagonia austral., Terra-de-fuoco.

*culpaeus*, Molina, Comp. Hist. Nat. Chili, p. 330; Essai H. Nat. Chili, 1789, p. 274. — »

C. **Thous**, Gray, 1868.

*Lycalopex* et *Pseudalopex*, Burm., 1864; *Cerdocyon*, Huxley, 1880.

1840. **cancrivorus**, Desm., Mam., 1820, p. 199; Schomburgh, Ann. Nat. Hist., 1840, IV, p. 431; Burm., Faun. Bras., pl. 32; Arch. Naturg., XLII, 1, p. 120; Desc. Rep. Arg., 1879, p. 143; Gray, P. Z. S., 1868, p. 514; Mivart, Monog., p. 57, pl. XV. — America merid. ab Orenoco. Guyana. Brasil. ad La Plata (Entre-Rios).

*brasiliensis*, Lund (nec F. Cuv.), Blik. Bras. Dyr., 1843, p. 10, pl. 42, fig. 1—3. — »

*melampus*, Wagn., Arch. Naturg., 1843, IX, 1, p. 357. — »

*melanostomus*, Wagner, l. c., 1843, p. 358. — »

*entrerianus*, p., Burm., Reise, 1861, p. 400. — »

*a.* — *rudis*, Günther, Ann. Nat. Hist., 1879, IV, p. 314 et 400. — Demerara.

*b.* — †*Lydekkeri*, Amegh., 1889. — †Pleistocaen. La Plata.

*c.* — †*robustior*, Lund, Blik paa Bras. Dyr., 1845; Winge, l. c., 1895, p. 82. — Pleistocaen. Brasil merid., La Plata.

*d.* — †*vulpinus*, Brav., Gerv. et Am., Mam. Foss. Am. Merid., 1883, p. 37. — »

1841. †**megamastoïdes,** Pomel, Cat. Méth. Vert. Foss., 1854, p. 67; Boule, Bull. Soc. Géol., 1889, XVII, p. 320, pl. VII. — † Pliocaen. Gallia centrali.

*borbonicus,* Bravard; Gerv. Zool. et Pal. Fr., 1859. — »

*issiodorensis,* Croizet (nec Blainv.). — »

1842. †**Donnezani,** Depéret, Mém. Soc. Géol., 1890, p. 28, pl. III et IV (Vulpes). — † Pliocaen. Gallia merid.

1843. **microtis,** Sclater, P. Z. S., 1882, p. 631, pl. XLVII; Mivart, Monogr., 1890, p. 62, pl. XVI, fig. 22, 23, 24, p. 63. — Amazonia brasiliensis.

1844. **Azarae,** Wied, Beitr. Nat. Bras., II, 1826, p. 338; Rengg., Hist. Nat. Parag., 1830, p. 143; Wagn., Arch. Naturg., 1843, 1, p. 356; Waterh., Zool. Beagle, Mam., p. 14, pl. 7; Tschudi, Fauna Peru., 1846, p. 121; Gay, Hist. Nat. Chile, Zool., 1847, I, p. 61; Burm., Fauna Bras., 1856, p. 44, pl. 28, 29; Mivart, P. Z. S., 1890, p. 99; Monog. Canidae, 1890, p. 66, pl. XVII, fig. 25—27, p. 70. — America merid., Reg. Andium in lat. Orient. et Occid.: Paraguay, Chili, Ins. Chiloë, Patagonia. Terra-de-Fuoco.

*entrerianus,* p., Burm., Reise, 1861, p. 400. — »

*fulvipes,* Martin, P. Z. S., 1837, p. 11; Waterh., Zool. Beagle, p. 12, pl. 6; Gay; Philippi, Arch. Naturg., 1869, I, p. 45. — »

†*protalopex,* Lund.; Winge, E Mus. Lund., 1895, p. 82. — † Pleistocaen. Brasil merid.

*incertus,* D'Orb. — »

†*antiquus,* Amegh., Mam. fos. Rep. Arg., 1889, p. 298. — † Pleistocaen. Brasil merid., La Plata.

*Azarae foss.,* Lund; Winge, E Mus. Lundii, 1895, p. 14. — »

1845. †**bonaerensis,** Amegh., Mam. Fos. Rep. Arg., 1889, p. 301. — †Pleistocaen. La Plata

1846. †**cultridens,** Gerv. et Amegh., Mam. Foss. Am. Merid., 1883, p. 39; Amegh., Mam. Fos. Rep. Arg., 1889, p. 299. — †Pleistocaen. La Plata.

1847. **griseus,** Gray, P. Z. S., 1836, p. 88; Burm. Faun. Bras., p. 43, pl. 25, 28, 29; Desc. Phys. Rep. Argent., 1879, III, p. 151. — Patagonia austral., Fretum Magellanicum.

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| | *patagonicus,* Philippi, Arch. Naturg., 1866, 1, p. 116. | Patagonia austral., etc. |
| 1848. | **gracilis,** Burm., Reis. La Plata, 1861, II, p. 406; Desc. Rep. Arg., 1879, p. 150; Arch. Nat., XLII, 1876, 1. p. 116; Matschie, S.-B. Ges. Naturf. Fr. Berlin, 1894, p. 60. | La Plata Occid. Mendoza. Tucuman, Chili Sept. |
| | *?vetulus,* Lund, Blik paa Dyr., 1843, p. 21, pl. 40 (nec Burm.). | Brasil, Lagoa-Santa. |
| | *?fulvicaudus,* Lund, l. c., 1843, p. 20 (nec Burm.). | » |
| 1849. | **parvidens,** Mivart. P. Z. S., 1890, p. 108; Monog. Canidae, 1890, p. 76, pl. 18, fig. 28—30, p. 78. | Brasil merid. |
| | *vetulus,* Burm. (nec Lund), Faun. Bras., 1843, p. 37, pl. 23, 28, 29; Uebersicht Thier. Bras., p. 99; Reis. La Plata, p. 407. | » |
| | *fulvicaudus,* Burm., Faun. Bras., 1843, p. 40, pl. 24, 28, 29; Reis., p. 407. | » |
| 1850. | **urostictus,** Mivart, P. Z. S., 1890, p. 112; Monog., 1890, p. 81, pl. 19, fig. 31 —33, p. 82. | Brasil. |

## 402. **Nyctereutes,** Temm., 1843.

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| 1851. | **procyonoïdes,** Gray, Ill. Ind. Zool., 1834, II, pl. I (Canis); Mag. N. Hist., 1837, I, p. 578; Schrenck, Reis. Amur-Land, 1859, I, p. 53, pl. 3 et 4; Radde, Reise, 1862, I, p. 75, pl. 3; Gray, P. Z. S., 1868, p. 522; Sclat., P. Z. S., 1874, p. 323, pl. 50; Garrod, P. Z. S., 1878, p. 373; Mivart, Monog., 1890, p. 134, pl. XXXII, fig. 39, p. 137. | Siberia Orient., Vall. flum. Amour, China, usque ad Canton, Japon. |
| | *viverrinus,* Temm., Faun. Japon., Mam., 1847, p. 40, pl. 8; Martens, Preuss. Exp. Ost-Asie, 1876, p. 78. pl. I. | » |

## 403. **Vulpes,** Brisson, 1756.

*Leucocyon,* Gray, 1868; *Isatis,* F. Cuv., 1824; *Cynalopex,* H. Smith, 1839.

### A. **Vulpes.**

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| 1852. | **alopex,** L., Sys. Nat., 5ª Ed., p. 59; Blanf., Mam. Ind., 1888, p. 153. | Europa et Asia septent., a Scandinavia |

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| | *vulpes*, L. Sys. Nat., 1766, p. 59; Schreb., Säug., III, pl. 90; Pallas, Zoogr., I, 1831, p. 45; Mivart, Monog., 1890, p. 92, pl. XXI. | ad Siberiam. |
| | *vulgaris*, Briss., Reg. An., 1756, p. 239; Allen, Bull. Mus. Comp. Zool., I, p. 158. | » |
| | *crucigera*, Briss., l. c., 1756, p. 240. | » |
| | *melanogaster*, Bp., Icon. Faun. Ital., 1832, 1, pl. I. | Italia. |
| *a.* | — *niloticus*, Desm., Mam., 1820, p. 204; Rüppel, Atlas, 1826, p. 41; Ehrenb., Symb. Phys., pl. XIX; Gray, P. Z. S., 1868, p. 515; Lataste, Faun. Vert. Barb., 1885, p. 91; Expl. Tunisie, Mam., 1887, p. 9. | Africa sept., Ægyptus, Abyssinia, Algeria, Marocco, Asia minor, Arabia (Aden). |
| | *vulpes*, p., Audouin, Descr. Egypte, 1828, Suppl., pl. I, fig. 6. | » |
| | *aegyptiacus*, Sonnini, Nouv. Dict. Hist. Nat., VI, p. 524; Rüppel, Atlas, pl. XV. | » |
| | Var. *atlantica*, Wagner, Reis. Algier, 1841, III, p. 31, pl. 3. | » |
| *b.* | — *montanus*, Pearson, Journ. As. Soc. Beng., V, 1836, p. 313; Adams, P. Z. S., 1858, p. 516; Blanf., J. A. S. B., XLVI, p. 323; XLVIII, p. 95; Scully, P. Z. S., 1881, p. 202; J. A. S. B., LVI, p. 69; Mivart, Monog., 1890, pl. XXII. | M$^{s}$ Himalaya a Kashmir ad Sikkim, Turkestan Orient., Candahar, Birma sup. |
| | *himalaïcus*, Ogilby, P. Z. S., 1836, p. 103. | » |
| | *nipalensis*, Gray, Mag. Nat. Hist., 1837, p. 578. | » |
| | *flavescens*, Gray, Ann. Nat. Hist., XI, 1843, p. 118; Blanford, Yarkand Miss., Mam., p. 23, pl. II (nec Blyth); Mivart, Monog., 1890, p. XXIV. | India Sept.-Occ., Salt-Range. |
| | *hoole*, Swinhoë, P. Z. S., 1870, p. 631. | China merid., Ins. Formosa. |
| | *lineiventer*, Swinh., l. c., 1870, p. 632. | |
| *c.* | — *japonica*, Gray, P. Z. S., 1868, p. 517. | Japon. |
| 1853. | †**meridionalis**, Nordm., Pal. Sud-Russ., 1860; Woldrich, Denks. Ak. Wien, 1879, p. 143, pl. VI; Brandt-Wold., Mém. Ak. Petersb., 1887, p. 42. | †Pleistocaen. Rossia merid. |
| 1854. | †**moravicus**, Wold., l. c., 1879, p. 144, pl. VI; Brandt-Wold., l. c., 1887, p. 43. | †Pleistocaen. Moravia. |

1855. **fulva**, Desm., Mam., 1820, p. 203; Richards., Faun. Bor.-Am., 1829, p. 93; De Kay, Zool. N.-York, 1842, p. 44, pl. 7, fig. 1; Aud. et Bachm., Quadr., II, p. 263, pl. 87; III, p. 70, pl. 116; Baird, Mam., 1857, p. 123, pl. 31. — America Sept. a Canada et Alaska ad Mexico Sept.

*pensylvanica*, Bodd., Elench., 1784, I, p. 96. — »

*decussatus*, Desm., Mam., 1820, p. 203; Harlan, Faun. Am., p. 88 (Canis). — »

*a*. — Var. *argentata*, Shaw, Gen. Zool., 1800; Desm., l. c., 1820, p. 203; Harlan, l. c., p. 88; Mivart, Monog., 1890, pl. XXIV. — Canada merid.

*b*. — Var. *macrura*, Baird, Stansb. Expl. Great Salt-Lake, 1852, p. 309; Mam. N.-Am., 1857, p. 130, pl. 33. — »

*utah*, Aud. et Bachm., Quadr., III, p. 255, pl. 151. — »

1856. **velox**, Say, Long's Exp., I, 1823, p. 487; Wied, Reis. N.-Am., II, 1841, p. 44, 256; Aud. et Bachm., Quadr., II, 1851, p. 13, pl. 52; Baird, Mam. N.-Am., 1857, p. 133; Gray, P. Z. S., 1868, p. 519, pl. XXXIV; Mivart, Monog., 1890, p. 104, pl. 25. — America Sept.-Occid.: flum. Saskatchewan, Missouri, Columbia.

*cinereo-argentatus*, Sabine (nec Erxleb.), Franklin's Journ., p. 658; Richards., Faun. Bor.-Am., p. 98. — »

*microtus*, Reich., Regn. An., I, p. 10, fig. 72, 73; Univ. Thierr., I, 1846, p. 43; Arch. Naturg., III, 1837, p. 162. — »

1857. †**vafer**, Leidy, Ext. Mam. Faun., 1869, p. 368, pl. I, fig. 11; Scott et Osb., Bull. Mus. Comp. Zool., XX, 1890, p. 69, fig. 3. — † Pliocaen. America sept.

1858. **macrotis**, Merriam, Proc. Biol. Soc. Washingt., IV, 1888, p. 135. — California, Mexico?

1859. **lagopus**, L., Sys. Nat., 1766, I, p. 59; Schreb., Säug., III, p. 262, pl. 93, 93*; Shaw, Gen. Zool., I, 1800, p. 326; Sabine, Suppl. Parry's 1st Voy., p. 187; F. Cuv., Mam., 1824, pl. 182; Richards., App. Parry's 2d Voy., 1825, p. 299; Aud. et Bachm., Quadr., III, 1820, p. 89, pl. 121; — Region. Arctic. amb. Hemisph., Spitzberg, Groënland. Siberia sept., Nova-Zembl., etc., migrans in merid. partes Americae sept. usque

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| Baird, Mam., 1857, p. 137; Middend., Reis. Siber., 1851, II. 2, p. 73; Gray, P. Z. S., 1868, p. 521; Fisch. et Pelz., Internat. Polarf., 1886, p. 128; Mivart, Monog., 1890, p. 108, pl. 26, fig. 36, p. 115. | ad 65° (raro 61° 53°) lat. sept. |
| † *lagop. foss.*, Nehring., Arch. Anthr., 1878, pl. 10 et 11; Woldrich, Denks. Ak. Wien, 1879, p. 144, pl. VI; Nehring, Tund. u. Stepp., 1890, p. 167; Beyer, Ber. Wetteran. Ges. Hanau, 1895. | † Pleist. Europa, Germania (in desert. »Tundras« dictis). |
| 1860. **corsac**, L., Sys. Nat., 1768, III, Append., p. 223; Pallas, Reis. Russ. Reichs., I, 1871, p. 234; Zoog., 1831, I, p. 41, pl. IV; Schreb., Säug., III, 1778, p. 359, pl. 91B; Radde, Reis. Ost-Sib., 1862, I. p. 67, pl. III; Gray, P. Z. S., 1868, p. 518; Cynalopex —, H. Smith, Nat. Libr., IX, p. 223, pl. 16; Mivart, Monog., 1890, p. 117, pl. XXVII. | Asia Occident. et Centrali, a Volga et Mare Caspia ad Lac. Baikal, Turkestan, Mesopotamia, Mongolia, China sept., Thibet. |
| *a.* — Var. *karagan*, Erxleb., S. N., 1777, p. 566; Pallas, Reise, l. c., p. 234. | » |
| *b.* — Var. *melanotus*, Pall., Zoog., I, p. 44; Radde, Fauna Flor. Caspi., 1886, p. 5. | Litt. Mar. Caspi. |
| † *corsac fossilis*, Nehring, S.-B. Ges. Nat. Fr. Berl., 1889, p. 109. | † Pleistocaen. Germania (in desert. »Steppes« dictis). |
| † *karagan foss.*, Nehr., l. c., 1889. | |
| 1861. **ferrilatus**, Hodgs., Journ. As. Soc. Beng., XI, 1842, 1, p. 278, pl. I; Gray, P. Z. S., 1868, p. 516; Blanford, Mam. Ind., 1888, p. 155; Stoliczka, J. A. S. B., 37, 2, p. 5; Mivart, Monog., 1890, p. 121, pl. XXVIII. | Thibet (Lhassa), Vall. sup. Sutleian. |
| *a.* — *Eckloni*, Przewalski, Reis. Tibet, 1884, p. 111; Third Journ. Thibet, p. 216. | Thibet. |
| 1862. † **curvipalatus**, Bose, Quart. Journ. Geol. Soc., XXXVI, p. 134; Lydekk., Mem. Geol. Surv. Ind., 1884, p. 75, pl. XXII. | † Pliocaen. India. |
| † **sp.**, Kohen, Foss. Säug. China, 1885, p. 71, pl. I, fig. 1, 2. | † Pliocaen. China. |
| 1863. **leucopus**, Blyth, Journ. As. Soc. Beng., XXIII, 1854, p. 729; XXV, p. 443; XXVI, p. 239; Gray, P. Z. S., 1868, p. 316; Murray, Vert. Zool. Sind., 1884, p. 37; Blanf., Mam. Ind., 1888, p. 151; Thomas, P. Z. S., 1886, p. 56; Mivart, Monog., 1890, p. 123, pl. XXIX, fig. 37, p. 125. | Region. desert. Asiae Occid. et Central.: Persia (Bushire), Arabia, Afghanistan, Beloutchistan, Sind, Cutch, Rajputana, Punjab. |

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| | *Griffithii*, Blyth, J. A. S. B., l. c., 1854, p. 730; Scully, Ann. Nat. Hist., VIII, p. 226. | Region. desert. Asiae Occid. et Central.: Persia (Bushire), Arabia, Afghanistan, Beloutchistan, Sind, Cutch, Rajputana, Punjab. |
| | *pusillus*, Blyth, l. c., 1854, p. 729, 730; Adams, P. Z. S., 1858, p. 516; Murray, l. c., 1884, p. 37. | |
| | *persicus*, Blanf., Ann. N. H., XVI, 1875, p. 310; Zool. East-Persia, 1876, p. 39, pl. II. | |
| 1864. **bengalensis**, | Shaw, Gen. Zool., 1800, I, p. 330; Wagn., S. S. Suppl., 1841, II, p. 423; Gray, Hardw. Ill. Ind. Zool., II, pl. 2; P. Z. S., 1868, p. 517; Thomas, P. Z. S., 1886, p. 56; Blanf., Mam. Ind., 1888, p. 148; Mivart, Monog., 1890, p. 127, pl. XXX. | India ab Himalaya, ad Cap. Comorin, in Occid. usque ad Scind et Punjab, in Orient. usque ad Assam (nec Birma, nec Ceylon). |
| | *kokree*, Sykes, P. Z. S., 1831, p. 101. | » |
| | *rufescens*, Gray, Ill. Ind. Zool., 1833, II, pl. 3. | » |
| | *indicus*, Hodgs., As. Res., XVIII, 2, 1833, p. 237. | » |
| | *chrysurus*, Gray, Mag. Nat. Hist., 1837, I, p. 577. | » |
| | *insectivorus*, H. Smith, Nat. Lib., IX, p. 229. | » |
| | *Hodgsonii* et *xanthura*, Gray, l. c., 1837. | » |
| 1865. **cana**, | Blanf., Journ. As. Soc. Beng., XLVI, 2, 1877, p. 321; Sclat., P. Z. S., 1878, p. 392; Blanf., Mam. Ind., 1888, p. 150; Mivart, Monog., 1890, p. 132, pl. XXXI. | Beloutchistan, Afghanistan merid., ? Scind. |

## 404. **Fennecus**, Gray, 1868.

*Megalotis*, H. Smith, 1839.

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| 1866. **chama**, | A. Smith, S.-Afr. Quart. Journ., 1835, II, p. 89; Sclat., P. Z. S., 1875, p. 81, pl. XVII; Mivart, Monog., 1890, p. 140, pl. XXXIII. | Africa merid., flum. Orange. |
| | *caama*, Gray, Catal. Carn., 1869, p. 207, 208, fig. 29. | » |

1867. **pallidus,** Rüpp., Zool. Atlas, 1826, p. 33, pl. XI; Wagn., Schreb. Säug., Suppl., II, 1842, p. 422; Gray, P. Z. S., 1868, p. 520. — Africa Orient., Darfur, Kordofan.

*Edwardsi,* Rochebr., Bull. Soc. Philom., 1882, p. 8; Faune Sénég., Mam., 1883, p. 93, pl. V. — Senegal.

1868. **famelicus,** Rüpp., Zool. Atlas, 1826, p. 15, pl. 5; Wagner, Schreb. Säug. Suppl., II, p. 419; Lataste, Actes Soc. Linn. Bord., XXXIX, 1885, p. 215; Blanf., East. Persia, p. 41; Mivart, Monog., 1890, p. 144, pl. XXXV. — Africa Sept., in Region. Desert., Nubia, Sahara Algeric., Ægyptus, Kordofan, Asia minor, Palaestina, Persia, ? Senegal.

*dorsalis,* Gray, P. Z. S., 1837, p. 132. — »

*sabbar,* Ehrenb., Symb. Phys., déc. 2. — »

1869. **zerda,** Zimm., Geog. Gesch., 1780, II, p. 247; Ruppel, Atlas, p. 5, pl. 2; A. Smith, S.-Afr. Quart. Journ., 1835, p. 90, H. Smith, Nat. Libr., IX, p. 237, pl. 30; Mivart, Monog., 1890, p. 147, pl. XXXVI, fig. 40, 41, p. 150. — Africa sept., Algeria, Tunisia (in Sahara), Ægyptus, Nubia. Kordofan, Sennaar sept., Fezzan, Arabia (M^s Sinaï).

*cerdo,* Gmel., Sys. Nat., 1788, I, p. 74; Latast., Faun. Mam. Barb., 1885, p. 90. — »

*fennecus,* Lesson, Man. Mam., 1827, p. 168. — »

*Brucei,* Desm., Mam., 1820, p. 235. — »

*zoarensis,* Gray (ex Skiöldebrand, 1777), P. Z. S., 1868, p. 519. — »

## 405. **Urocyon,** Baird, 1857.

*Vulpes,* p., Auct.

1870. **cinereo-argenteus,** Erxleb., Sys. Regn. Anim., 1777, p. 567; Schreb., Säug., III, pl. 92; Harlan, Faun. Am., p. 90; F. Cuv., Mam., 1824, pl. 178; H. Smith, Nat. Libr., 1839, IX, p. 254, pl. 23; et Auct. Amer. recent. — America Sept., a Nova-Anglia ad Mexico, Yucatan, Tehuantepec, Guatemala, Honduras. Costa-Rica.

*virginianus,* Schreb., Säug., III, pl. 92 B: Desm., Mam., p. 203; Harlan, l. c., p. 89; Richards., F. Bor.-Am., p. 96; De Kay, pl. 7, fig. 2; Aud. et Bachm., pl. 21; Baird, U. S. Mex. Bound., 1858, II, p. 16; Alston, Biol. Centr.-Am., 1880, p. 67, Mivart, Monog. Canidae, 1890, p. 85, pl. 20, fig. 34—35, p. 89.

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| | *griseus*, Bodd., Elench. Anim., I, 1784, p. 97. | America Sept., etc. |
| *a.* | — *floridanus*, Rhoads, Proc. Ac. Philad., 1895, p. 42. | Florida. |
| *b.* | — *Scottii*, Mearns, Bull. Am. Mus. Nat. Hist., III, 1891, p. 336. | California inter. |
| *c.* | — *californicus*, Mearns, Proc. Am. Mus. Nat. Hist., 1897, XX, p. 3 (separ.). | California littoral. Sept.-Occid. et Reg. Washington. |
| *d.* | — *texensis*, Mearns, l. c., 1897, XX, p. 2 (separ.). | Texas, Mexico sept. |
| 1871. | **littoralis**, Baird, Mamm. N.-Am., 1857, p. 143. | Insul. Californiae. |

406. **Cuon**, Hodgson, 1838.

*Cyon*, Blanf., 1888; Mivart, 1890.

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| 1872. | †**europaeus**, Bourguig., Recherches *Canidae*, Quatern., 1875, p. 20, pl. 1, 2; Ann. Sc. Géol., VI, 1875; Filhol, Bull. Soc. philom., 1888—89, p. 31; Nehring, N. Jahrb. Miner., 1891, II, p. 108, pl. II; S.-B. Ges. Naturf. Fr. Berl., 1891, p. 75. | †Pleistocaen. Europa, Gallia, Germania, Moravia, Rossia. |
| *a.* | — Var. *pyrenaïcus*, Filhol, l. c., 1889. | Gallia merid. |
| 1873. | †**Bouretti**, Harlé, L'Anthrop., 1891, p. 129; Nehring, S.-B. Ges. Naturf. Fr. Berl., 1891, p. 75, 91, 107, fig. p. 91. | †Pleistocaen. Gallia merid. (Pyrenae). |
| 1874. | †**Nidschnendensis**, Czersky, Schr. Nat. Ges. Petr., XVIII, 1891, p. 66; Nehring, l. c., 1891, p. 110. | †Pleistocaen. Rossia. |
| 1875. | **alpinus**, Pallas, Zoog. Ross.-As., 1831, I, p. 34; Middend., Reis. Sib., II, 1851, 2, p. 71; Schrenck, Amur-Land, 1859, I, p. 48, pl. II; Radde, Reise S.-O. Sib., 1862, I, p. 60; Gray, P. Z. S., 1868, p. 498; Severtzow, Ann. Nat. Hist., XVIII, 1876, p. 48; Mivart, Monog., 1890, p. 186, pl. XLII, fig. 50, 51, p. 187. | Siberia merid., Ms Altaï, Vall. flum. Jenessei et Lena, Turkestan, Thibet, Vall. flum. Amour. |
| | †*alp. foss.*, F.-Major, Atti Soc. Tosc., 1877, p. 207; Atti Soc. Ital., XV, p. 380; Nehring, N. Jahrb. Min., 1890, II, p. 34. | †Pliocaen. et Pleist. Europa merid., Italia sept. |

1876. **javanicus,** Desm., Mam., 1820, p. 198; F. Cuv., Dict. Sc. Nat., VIII, p. 557; Mivart, P. Z. S., 1890, p. 89; Monog. Canidae, 1890, p. 179, pl. XL, fig. 47—49, p. 182. — Malacca, Sumatra, Java, Borneo; ?Birma sept. et Moulmein.

*familiaris sumatrensis,* Hardw., Trans. Linn. Soc., 1822, XIII, p. 235, pl. 23. — »

*primaevus,* Hodgs., As. Res., XVIII, 2, 1833, p. 221 et fig.; Ann. N. Hist., 1838, p. 152; Adams, P. Z. S., 1858, p. 514; Gray, P. Z. S., 1868, p. 498; Murie, P. Z. S., 1872, p. 714; Scully, P. Z. S., 1881, p. 202. — »

*rutilans,* Sal. Müll., Verh. Zool. Zoogd., 1839, p. 27, 51; Blyth; Jerdon; Blanf., Mam. Ind., 1888, p. 147. — »

*a.* — *dukhunensis,* Sykes, P. Z. S., 1831, p. 100; Gray, Cat. Carn., 1869, p. 186; Blanf., Mam. Brit. India, 1888, p. 143; Inverary, Journ. Bombay Nat. Hist. Soc., X, 1896, pl. I. — India ab Himalaya ad Cap. Comorin et Kashmir, Gilgit, Nepal ad Assam, Thibet orient.

## 407. **Icticyon,** Lund, 1845.

*Cynalycus,* Gray, 1846; †*Abathmodon,* Lund, 1843; *Cynogale,* Lund (anteà); †*Speothos,* Lund, 1841.

1877. †**pacivorus,** Lund, Blik paa Bras. Dyr., 1841, p. 19, fig. 1, 2; Winge, E. Mus. Lund., 1895, p. 28, 82, pl. IV. — †Pleistocaen. Brasil merid.

*fossilis,* Lund (Abathmodon), fide Winge. — »

*major,* Lund, l. c., pl. 28, fig. 1; pl. 45, fig. 7—9 (Palaeocyon). — »

*minutus,* Lund (Cynaelurus), l. c. — »

1878. **venaticus,** Lund, Blik. paa Bras. Dyr., in 4th Af. Dansk. Vid. Selsk., 1842, IX, p. 201 (Cynogale); l. c., XI, 1845, p. 61 (Icticyon), pl. 41; Van der Hoeven, Verh. Ak. Wet. Amsterd., 1856; Burm., Fauna Bras., 1856, p. 1, pl. 17—20; Gray, P. Z. S., 1868, p. 498; Sclater, P. Z. S., 1879, p. 664; Flower, P. Z. S., 1880, p. 70, pl. X; Mivart, Monog., 1890, p. 190, pl. XLIII, fig. 52—54, p. 192. — †America merid., Guiana, Demerara, Brasil, Minas-Geraës.

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| *melanogaster,* Gray, Ann. N. H., XVII, 1846, p. 293. | †America merid., Guiana, Demerara, Brasil, Minas-Geraës. |
| *Beskii,* Schinz, Arch. Naturg., 1849, p. 10. | |
| †*fossilis,* Lund, l. c., 1845, pl. 41, 43; Winge, E. Mus. Lund, 1895, p. 29, pl. V. | †Pleistocaen. Brasil merid. |

## 408. **Lycaon,** Brookes, 1828.

*Hyaena,* p., Temm., 1820; *Cynhyaena,* F. Cuv., 1829; *Hyaenoïdes,* Is. Geoff.

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| 1879. **pictus,** Temm., Ann. Gen. Sc. Phys., 1820, III, p. 54, pl. 35; Pagensteck., Zool. Gart., 1870, p. 197. 238; Garrod, P. Z. S., 1878, p. 373; Mivart, Monog., 1890, p. 196, pl. XLIV, fig. 55, p. 198; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 63, fig. 33. | Africa merid. et Orientali: Kordofan, Ugogo, Ungunda, Africa centrali, Cafreria, Cap. Bonae-Spei. |
| *venaticus,* Burchell, 1822; Gray, P. Z. S., 1868, p. 497, fig. (cran.). | » |
| *tricolor,* Brookes, Prod. Anim. (Brit. Mus.), 1828, p. 10. | » |
| *typicus,* A. Smith, S.-Afr. Quart. Journ., 1835, p. 91. | » |
| *aureus,* Thunb., Mém. Ac. Pétersb., III, p. 302. | » |
| 1880. †**anglicus,** Lydekk., Geol. Mag., 1884, 1, p. 443; Cat. Foss. Mam., 1885, p. 122. | †Pleistocaen. Anglia. |

## 409. **Otocyon,** Lichtenst., 1838.

*Megalotis,* Bennet, Gray; *Agriodus,* H. Smith, 1839; *Canis,* p., Desm.

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| 1881. **megalotis,** Desm., Mam. Suppl., 1822, p. 538; A. Smith, S.-Afr. Quart. Journ., II, 1835, p. 90; Mivart, Monog. Canidae, 1890, p. 202, pl. XLV, fig. 56—59; p. 204—205; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 63, fig. 34. | Africa merid. et orientali: Ugogo, Aruscha, Zambezia, Cafreria, Cap. B.-Spei. |
| *Lalandii,* Desmoul., Dict. Class. Hist. Nat., IV, 1823, p. 18, pl. 147, fig. 2; Gray, Griff. An. Kingd., pl. 54. | » |

*cafer*, Licht., Arch. Naturg., 1838, 1, p. 290. — Africa merid. et orientali: Kordofan, etc.

*auritus*, H. Smith, Nat. Libr., 1840, X, p. 260, pl. 23.

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## Familia V. **Hyaenidae.**

### Subfam. 1. **Protelinae.**

#### 410. **Proteles**, Is. Geoff., 1824.

*Viverra*, p., Desm., 1820.

1882. **cristatus**, Sparrm., Voy., 1785, p. 177; Is. Geoff., Mag. Zool., 1841, pl. 30 (cran.); Flower, P. Z. S., 1869, p. 474, pl. XXXIX; Matschie, Säug. Ost-Afr., 1895, p. 62. — Africa merid. et Orientali: Tabora (Africa central.), Cafreria, Cap. Bonae-Spei.

*hyaenoïdes*, Desm., Mam., 1820, p. 538.

*Lalandii*, Is. Geoff., Mém. Mus., 1824, XI, p. 370, pl. 20; Blainv., Ost. *Canis*, pl. IV. — »

### Subfam. 2. **Hyaeninae.**

#### 411. **Hyaena**, Zimmerman, 1777.

*Canis*, p., L., 1766; *Crocuta*, Gray, 1868.

1883. †**eximia**, Roth et Wagn., Abh. Bayr. Akad. Wiss., 1854, VII, p. 396; Gaudry, An. Foss. Attiq., 1862, pl. XII, XIII, XIV; Foss. Léberon, 1873, pl. II; Kittl., Ann. Hofmus. Wien, 1887, p. 332, pl. XVII; F. Major, C.-R. Ac. Sc., CXIII, p. 608, 708; Schloss., Beitr. Pal. O.-U., 1889, p. 30. — † Miocaen. sup. Europa merid., Graecia, Ungria, Hispania, et Asia Occid., Persia.

*hipparionum*, p., Suess; Gerv. (fide Schloss.). — »

1884. †**Perrieri**, Croiz. et Job., Oss. Foss. Puy-de-Dôme, 1828, I, p. 169, pl. IV; Depéret, Mém. Soc. Géol., Pal., 1891, p. 112. — † Pliocaen. Europa merid., Gallia.

*a*. — Var. *pyrenaïca*, Depéret, l. c., pl. X, fig. 3, 4. — Pyreneae.

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| | *b.* — *topariensis*, F.-Major, Tyrrh. Kosmos, XIII, 1883; Weithofer, Denks. Ak. Wien, LV, 1889, p. 342, pl. I—IV. | † Pliocaen. Italia. |
| 1885. | †**brevirostris**, Aymard, Ann. Soc. Agric. Sc. et Arts du Puy, XII, 1846; Gerv., Zool. et Pal. Fr., 1852, p. 122; Boule, Ann. Sc. Nat., Zool., XV, 1893, p. 85, pl. I. | † Pliocaen. Gallia central. |
| | *a.* — *robusta*, Weithofer, Denks. Ak. Wien, 1889, p. 346, pl. II—IV. | † Pliocaen. Italia. |
| 1886. | †**felina**, Bose, Journ. Geol. Soc., XXXVI, 1880, p. 130, pl. VI; Lydekk., Pal. Ind., X, 2, 1884, p. 282, pl. 35—39. | † Pliocaen. India sept. |
| 1887. | †**Colvini**, Lydekk., Pal. Ind., l. c., 1884, p. 290, pl. 35—36; Cat. Foss. Mam., 1885, I, p. 84, fig. 8. | † Pliocaen. Asia centrali. |
| | *a.* — *sinensis*, Owen, Quart. Journ. Geol. Soc., 1870, XXVI, p. 422, pl. 28; Koken, Palaeont. Abhand. Berlin, III, 1885, p. 72, pl. I. | Plioc. China. |
| 1888. | **crocuta**, Erxleb., Sys. Regn. An., 1777, p. 578; Zimm., Geogr. Ges., 1777, p. 256; Levaill., Voy., II, p. 359, pl. 9; Matsch., Säug. Deuts. Ost-Afr., 1895, p. 60, fig. 32.<br>*maculata*, Thunb., Mém. Ac. Petersb., III, p. 303; F. Cuv., Mam., pl. 147; Gray, P. Z. S., 1868, p. 525.<br>*capensis*, Desm., Mam., 1820, p. 216.<br>*rufa*, Cuv., Oss. Foss., VII, p. 311. | Africa merid. et Orientali, ab Ægypto sup., Nubia, Dongola, Kordofan, Darfour, Kilimandjaro, Ugogo, Soudan, Senegal, Zambezia, Mozambica, ad Cafreriam.<br>» |
| | *a.* — †*spelaea*, Goldf., Nova Acta Leop., 1823, p. 456; Cuv., Oss. Foss., IV, pl. 29, 30; Nehring, Tund. u. Stepp., 1890, p. 193; Gaudry, Mat. Quatern., IV, 1892, p. 116, pl. 23. | † Pleistocaen. Europa et Asia merid. |
| | *crocuta foss.*, Lydekker, 1884; Weithofer, 1889. | Sicilia, India. |
| 1889. | **brunnea**, Thunb., Svensk. Akad. Handl., 1820, I, pl. II.<br>*fusca*, E. Geoff., Dict. Class. Hist. Nat., 1825, VII, p. 444, pl. 148, fig. 2; Mag. Zool., I, pl. 17; Smuts, Mam. Cap., 1832, p. 24. | Africa Orient. et merid.: Kordofan merid., Somali, Tigrae, Colonia Cap. Bonae-Spei. |

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| *villosa*, Smith, Trans. Linn. Soc., XV, pl. XIX. | Africa Orient. et merid.: Kordofan etc. |
| *rufa* et *fusca*, Fisch., Syn. Mam., 1829, p. 195. | |
| †*brunn. foss.*, Calder., Foss. Vert. disc. in Span., 1877. | † Pleist. Hispania merid. (Gibraltar). |
| 1890. †**arvernensis**, Croiz. et Job., Oss. Foss. Puy-de-Dôme, 1828, p. 180, pl. I, III, IV. | † Pliocaen. Gallia merid. |
| 1891. **striata**, Zimm., Specim. Zool. Geogr., 1777, p. 366; Adams, P. Z. S., 1858, p. 514; Gray, Cat. Carn., 1869, p. 212; Blanf., East. Persia, p. 42; Thomas, P. Z. S., 1886, p. 56; Blanford, Mam. Ind., 1888, p. 132; Radde, Zool. Jahrb., IV, p. 1021. | Asia Merid.-Occid. et Africa sept.: Marocco, Algeria, Tunisia, Ægyptus, Abyssinia usque ad Senegal; Asia minor. |
| *hyaena*, L., Sys. Nat., I, 1766, p. 58 (Canis). | Palaestina, Persia, Transcaspia, Belutchistan, India (Scind, Kutch, M$^{s}$ Kumaon, India merid.), ? Assam. |
| *vulgaris*, Desm., Mam., 1820, p. 215; F. Cuv., Mam., 1824, pl. 146. | |
| *orientalis*, Tied., Zool., I, p. 500. | |
| *antiquorum*, Temm., Ann. Gén. Sc. Phys., III, p. 51. | |
| *virgata*, Gray, P. Z. S., 1856, p. 397. | » |
| *fasciata*, Thunb.; *veterum*, Kaempf. | » |
| *a.* — †*prisca*, Marcel de Serres, Mém. Mus., 1826, XVII, p. 278, pl. 24, 25. | † Pleistocaen. Europa merid.-Occid. (Gallia merid.) |
| *intermedia*, M. de Serres, l. c. | |
| *monspessulana*, Croiz. et Job., Oss. Foss. du Puy, p. 169, pl. 1, 2. | » |
| *striata foss.*, Harlé, Bull. Soc. Géol., 1894, p. 234; C.-R. Ac. Sc., CXIV, p. 824. | » |
| *b.* — †*antiqua*, Lankest., Ann. Nat. Hist., 1864, XIII, p. 56, pl. VIII, fig. 5, 6. | † Pliocaen. Anglia. |

## 412. †**Lycyaena**, Hensel, 1862.

*Agnotherium*, p. et *Agnocyon*, Kaup, 1834; *Hyaena*, p., Gaudry.

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| 1892. †**Pomeli**, Kaup, Beitr. Kennt. Urw. Säug., 1862, 5. Heft, p. 16, pl. II, fig. 3; Hensel, M.-B. Berl. Akad., 1862, p. 567; Schloss., Beitr. Pal. O.-U., 1889, p. 418. | † Miocaen. sup. Europa merid. |
| *Choeretis*, Gaudry, An. Foss. Attiq., 1862, p. 92, pl. XV, fig. 1—5. | » |

1893. †**macrostoma**, Lydekk., Mem. Geol. Surv. Ind., 1884, X, 2, p. 298, pl. 36—39; Rec. Geol. S.-Ind., 1891, p. 207, fig. 1. — †Pliocaen. Asia merid., India.

### 413. †**Hyaenictis**, Gaudry, 1861.

*Hyaena*, p., Lydekk., 1884.

1894. †**graeca**, Gaudry, C.-R. Ac. Sc., LII, 1861, p. 722; An. Foss. Att., 1862, p. 95, pl. XV, fig. 6—8. — †Miocaen. sup. Graecia.

*hipparionum*, p., Suess. — »

*a.* — *sivalensis*, Bose, Quart. Journ. Geol. Soc., XXXVI, 1880, p. 128; Lydekk., Mem. Geol. Surv. Ind., 1884, X, 2, p. 126, pl. 34—39. — †Pliocaen. India sept.

*sivalensis*, p., Falc. et Cautl. — »

»*Felis cristata*«, Falc. et Cautl. — »

### 414. †**Borophagus**, Cope, 1892.

1895. †**diversidens**, Cope, Am. Nat., 1892, p. 1028; Rep. Geol. Surv. Texas, 1892, p. 52, pl. XIII, fig. 4. — †Pliocaen. America sept., Texas.

### 415. †**Lepthyaena**, Lydekker, 1884.

*Ictitherium*, part., Lydekk., 1877.

1896. †**sivalensis**, Lydekk., Rec. Geol. Surv. Ind., 1877, X, p. 32; Pal. Ind., 1884, 2, p. 312, pl. 45, fig. 8, 9; Cat. Foss. Mam., 1885, p. 93; Bose, Quart. Journ. Geol. Soc., 1880, XXXVI, p. 119. — †Pliocaen. India. M^s^ Siwaliks (Punjab).

## Familia VI. **Viverridae.**

### Subfam. 1. †**Ictitherinae.**

### 416. †**Ictitherium**, Wagner, 1848.

*Hyaena*, p., Gerv., 1846; *Thalassictis*, p., Nordmann, 1839; *Palhyaena*, Gerv., 1858; *Galeotherium*, Wagner, 1840; *Viverra*, p., Gaudry, 1856.

1897. †**hipparionum**, Gerv., Ann. Sc. Nat., 1846, V, p. 261; Zool. et Pal., 1858, p. 242; Gaudry, Anim. Foss. de l'Attique, 1862, p. 12, pl. XI; An. M^t^ Léberon, 1873, p. 18, pl. II; Kittl, Ann. Nat. Hofmus. Wien, II. 1887, p. 333, pl. XV et XVIII; Schlosser, Beitr. Pal. Oest.-Ung., 1889, VIII, p. 13. — †Miocaen. sup. Europa Merid. (Gallia, Ungria, Graecia), et Persia.

1898. † **Orbignyi**, Gaudry, C.-R. Acad. Sc., 1856, XLIII; 1861, LII; Bull. Soc. Géol., XVIII; p. 527, pl. X, fig. 3; Anim. Foss. Attique, 1862, p. 74, pl. XI; An. M$^{t}$ Léberon, 1873, p. 21, pl. II. — † Miocaen. sup. Europa merid., Gallia, Graecia.

1899. † **robustum**, Nordm., Pal. Sudruss., 1858, pl. V; Gaudry, Anim. Foss. Attique, 1862, pl. VII—X; Wagner, Abh. Akad. Wiss., 1840, III, pl. I; 1848, V; 1857, VIII, 1, fig. 5, 6. — † Miocaen. sup. Europa merid. oriental., Rossia merid., Graecia.

*viverrinum*, Roth et Wagner, 1857. — »

## Subfam. 2. **Viverrinae.**

### 417. † **Progenetta**, Depéret, 1892.

*Thalassictis*, p., Gerv., 1848 (nec Nordmann); *Viverra* et *Mustela*, p., Lartet, 1851.

1900. † **incerta**, Lartet, Notice Colline de Sansan, 1851, p. 17; Gerv., Zool. et Pal. Franç., 1848, p. 221, pl. 23, fig. 3; Filhol, Ann. Sc. Géol., XXI, 1891, p. 121, pl. V, fig. 18, 22; Depéret, Archiv. Mus. Lyon, V, 1892, p. 34, pl. I, fig. 18, 19. — † Miocaen. Gallia merid. (Sansan et La Grive S$^{t}$ Alban).

### 418. † **Amphictis**, Pomel, 1853.

*Sorictis*, *Amphichneumon* et *Galerix*, Pomel; *Viverra*, p., Blainv.

1901. † **ambiguus**, Gerv., Zool. et Pal. Gén., II, 1878, pl. XIII, fig. 10; Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 121. — † Eocaen. Gallia.

1902. † **antiquus**, Pomel (nec Blainv.), Catal. Méthod., 1853, p. 63; Filhol, Ann. Sc. Géol., 1879, X, p. 171, pl. 24, fig. 1, 2; Bull. Soc. Phil., 1888—89, p. 109; Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 120, pl. VIII. — † Miocaen. Gallia et Germania merid.

1903. † **leptorhynchus**, Pomel, Catal. Méth., 1853, p. 176; Schlosser, Beit. Pal. Oest.-Ung., 1888, p. 120. — † Miocaen. Gallia et Germania merid.

1904. † **elegans**, Pomel, Catal. Méth., 1853. p. 176. — † Miocaen. Gallia merid.

1905. † **lemanensis**, Pomel, Catal. Méth., 1853, p. 64; Filhol, Ann. Sc. Géol., 1879, X, p. 176. — † Miocaen. Gallia merid.

## 419. **Viverra**, L., 1766.

† *Palaeomephitis*, Jaeger; † *Palaeobassaris*, P. de Wurt.; † *Herpestes*, p., Pomel; † *Cynodictis*, p., Filhol; † *Ichneugale*, Jourd.

### A. **Viverra**.

1906. † **angustidens**, Filhol, Ann. Sc. Géol., 1876, VII, p. 144, pl. 26; Lydekk., Cat. Foss. Mam. Brit. Mus., 1885, I, p. 102; Quart. Journ. Geol. Soc., 1892, XLVIII, p. 375. — † Eocaen. sup. Gallia merid.

1907. † **Hastingsiae**, Davies, Geol. Mag., 1884, dec. 3, 1, p. 437, pl. 15; Lydekk., l. c., 1885, p. 100, fig. 11, 12. — † Eocaen. sup. Anglia.

1908. † **Steinheimensis**, Fraas, Steinheim, 1870, p. 167, pl. IV, fig. 16, 17; Depéret, Arch. Mus. Lyon, 1887, IV, p. 137, pl. XIII, fig. 10; 1892, V, p. 33. — † Miocaen. Europa central., Gallia, Germania.

*ferreo-jurassica* et *steinheimensis*, Jäger. — »

*macrorhyncha*, Filhol, Ann. Sc. Géol., XXI, 1891, p. 123, pl. V. — »

1909. † **sansaniensis**, Lartet, Notice Coll. de Sansan, 1851, p. 18; Gerv., Zool. et Pal. Franç., p. 222, pl. 22, fig. 1; Filhol, Ann. Sc. Géol., 1891, p. 118, pl. V, fig. 10—12. — † Miocaen. Gallia merid.

1910. † **minima**, Filhol, Ann. Sc. Géol., VII, 1876, p. 150; VIII, 1877, pl. XX, fig. 334, 336 (nec 377); Lydekker, Catal. Foss. Mam., 1885, I, p. 104, fig. 13 (Herpestes). — † Eocaen. Gallia merid.

1911. † **Schlosseri**, Filhol, Bull. Soc. Philom., 1889—90, II, p. 139, fig. 1. — † Eocaen. Gallia merid.

1912. † **simplicidens**, Schloss., Beit. Pal. Œst.-Ung., VIII, 1889, p. 391, pl. IX. — † Eocaen. Gallia merid.

*compressidens*, Var. *viverroïdes*, Filhol, Ann. Soc. Phys. Nat. Toulouse, 1882, p. 56; Lydekk., Cat. Foss. Mam., I, 1885, p. 113, fig. 16. — »

1913. †**leptorhyncha,** Filhol, Arch. Mus. Lyon, III, 1881, p. 67, pl. IV, fig. 16—19; Depéret, Arch. Mus. Lyon, IV, 1887, p. 136; V, 1892, p. 33; *Ichneugale sp.*, Jourdan. — †Miocaen. Europa central., Gallia, Germania.

*göriachensis,* Toula, Jahrb. ges. Reichs. An., XXXIV, 1884, p. 386, pl. VIII, fig. 1—10 (Cynodictis [Elocyon]); Hofmann, Göriach Abh. ges. Reichs.-An., XV, 1893, p. 36, pl. II, fig. 2—5. — »

1914. †? **miocaenica,** Peters, Denks. Wien. Akad., Math.-Nat. Classe, XXIX, 1869, p. 194, pl. III, fig. 8—10; Schlosser, Beit. Pal. Oest.-Ung., VIII, 1889, p. 396. — †Miocaen sup., Styria.

1915. †**Pepratxi,** Depéret, Ann. Sc. Géol., XVII, 1885, p. 136, pl. IV, fig. 1—4; Mém. Soc. Géol., Pal., I, 1890, p. 24, pl. II, fig. 12—15. — †Pliocaen. sup., Gallia merid.

1916. †**Bakeri,** Bose. Quart. Journ. Géol. Soc., 1880, p. 131, pl. VI; Lydekk., Mem. Geol. Surv. Ind., X, 2, 6, 1884, p. 12, pl. 33, fig. 1, 2. — †Pliocaen. India.

1917. †**Durandi,** Lydekk., Mem. Geol. Surv. Ind., l. c., 1884, p. 94, pl. 33, fig. 3. — †Pliocaen. India.

1918. †**Karnuliensis,** Lydekk., Mem. Geol. Surv. Ind., l. c., 1886, IV, 2, p. 31, pl. VII, fig. 6. — †Pleistocaen. India.

1919. **civetta,** Schreb., Säug., III, 1778, p. 418, pl. CXI; Gray, P. Z. S., 1864, p. 511; F. Cuv., Mam., 1821, pl. 184; Bennet, Tower Menag., p. 99, fig.; Peters, Reis. Mossamb.; Temm., Esq. Côte de Guinée, 1853, p. 88; Lydekk., Carniv., I, p. 211, pl. XVII. — Africa tropicali, Abyssinia, Senegal, Fernando Po, Guinea, Cameron.

*a.* — *Poortmanni,* Puch., Rev. Zool., 1855, p. 304; Arch. Mus., X, p. 109, pl. 9; P. Z. S., 1871, pl. XXIX. — Gabon.

*b.* — *orientalis,* Matschie, Arch. Naturg., 1891, p. 2; S.-B. Ges. Naturf. Fr. Berl., 1892, p. 140, 229; Säug. Deuts. Ost-Afr., 1895, p. 72, fig. 40. — Africa orient., a Kilimandjaro ad Zanzibar, Mozambica, Zambezia.

*megaspila,* Noack, Jahrb. Hamb. Wiss. Anstalt., IX, p. 52, pl. I, fig. 5, pl. II, fig. 5, 6 (nec Blyth). — »

1920. **zibetha**, L., Sys. Nat., 1766, p. 65; Blanf., Mam. Ind., 1888, p. 208; Gray, Ill. Ind. Zool., 1828, II, pl. 5. — India, Bengal, Assam, Birma, Siam, China merid., Insul. Hainan; M[s] Himalaya (Sikkim, Nipal).

*undata*, Gray, Spic. Zool., 1830, p. 9, pl. 8. — »

*melanurus*, Hodgs., J. As. S. Beng., X, 1841, p. 909. — »

*civettoïdes*, Hodgs., l. c., 1841. — »

*Ashtoni*, Swinh., P. Z. S., 1864, p. 379. — »

1921. **civettina**, Blyth, J. A. S. B., XXXI, 1862, p. 332; Blanf., Mam. Ind., 1888, p. 98; Sclater, Cat. Mam. Ind. Mus., II, 1891, p. 236. — India merid., Malabar (Wynad et Curg).

1922. **megaspila**, Blyth, J. A. S. B., XXXI, 1862, p. 331; Blanf., Mam. Ind., 1888, p. 99; Sclater, Cat. Mam. Ind. Mus. Calcutta, II, 1891, p. 227; Sterndale, Mam. Ind., 1884, fig. p. 210. — Birma, Cochinchina, Malacca, Sumatra.

1923. **tangalunga**, Gray, P. Z. S., 1832, p. 63; Cat. Carniv. Brit. Mus., 1869, p. 47, 1876, pl. XXXVII; Sclater, Cat. Mam. Ind. Mus., II, 1891, p. 237. — Malacca, Sumatra, Borneo, Celebes, Amboyna, Philippinas.

*zibetha*, p., Raffles, Linn. Trans., XIII, p. 231; F. Cuv., Mam., pl. 185. — »

B. **Viverricula**, Hodgs., 1838.

1924. **malaccensis**, Gmel., Sys. Nat., I, 1788, p. 92; Cantor, J. A. S. B., XV, 1846, p. 199; Blanford, Mam. Ind., 1888, p. 100; Sterndale, Mam. Ind., 1884, fig. p. 211. — India, Ceylon, Assam, Birma, Malacca, Java, China merid., Ins. Hainan, I. Formosa; (Introduct. in I. Socotra, I. Comoros, Madagascar, Zanzibar.)

*leveriana*, Shaw, Mus. Lev., II, 1796, p. 19. — »

*indica*, Desm., Nouv. Dict. Hist. Nat., VII, 1817, p. 170; Hodgs., J. A. S. B., X, 1841, p. 909; Gerv., Mag. Zool., 1835, p. 10, pl. XIX. — »

*rasse*, Horsf., Zool. Res., 1821, pl.; F. Cuv., Mam., p. 196. — »

*bengalensis*, Gray, Ill. Ind. Zool., 1832, I, pl. IV. — »

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| *pallida,* Gray, P. Z. S., 1832, p. 63; Ill., l. c., pl. VI. | India, Ceylon, Assam, etc. |
| *Schlegeli,* Pollen, Ned. Tijds. Dierk., III, 1866, p. 78; Faune de Madag., 1868, p. 16, pl. X; Flower, Cat. Oss. Mus. Coll. Surg., II, 1884, p. 97. | » |
| *manillensis,* Eydoux. | » |

## 420. **Fossa,** Gray, 1864.

*Viverra,* p., Schreb.; *Genetta,* p., Gray, 1822.

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| 1925. **fossa,** Schreb., Säug., 1778, III, pl. CXIV; »Fossane«, Buff., Hist. Nat., XIII, p. 163, pl. XXI. | Madagascar. |
| *Daubentonii,* Gray, P. Z. S., 1864, p. 518; Cat. Carniv., 1869, p. 52; Mivart, P. Z. S., 1882, p. 150. | » |

## 421. **Genetta,** Cuvier, 1817.

*Viverra,* p., L. et Auct. Vet.

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| 1926. **genetta,** L., Sys. Nat., Ed. XII, 1766, I, p. 65; Schreb., Säug., 1778, III, pl. CXIII. | Europa merid., Gallia occid., Iberia, Turcica, Africa sept., Algeria, Palestina. |
| *vulgaris,* Less., Manuel Mam., 1827, p. 173; Trouess., Mam. France, 1884, p. 221; Lataste, Mamm. Barbarie, 1885, p. 110. | » |
| *afra,* F. Cuv., Mam., 1825, liv. LII, pl. 195. | » |
| *Bonapartei,* Loche, Rev. Zool., IX, 1857, p. 385, pl. XIII. | » |
| 1927. **felina,** Thunb., Svensk. Ak. Handl., 1811, XXXII, p. 166, pl. VII; Gray, P. Z. S., 1832, p. 63, 1864, p. 516; Cat. Carniv., 1869, p. 50; Barb. du Bocag., Jorn. Sc. Lisboa, I, 1889, p. 177; Matschie, Säug. Deuts. Ost-Afr., p. 73, fig. 41 (sub nomine »*pardina*« errore). | Africa Occid. et Merid., Gabon, Congo, Angola; Africa Orient., Ugogo, Pangani, Bukoba. Nilo super. (Bahr-el-Abiad). |
| *a.* — ?*aequatorialis,* Heuglin, Beitr. Faun. Säug. N.-O. Afr., 1861, pl. V. | » |

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| 1928. **senegalensis,** Fischer, Syn. Mam., 1829, p. 170; Gray, P. Z. S., 1832, p. 63; Cat. Carn., 1869, p. 50; F. Cuv., Mam., 1825, pl. 194. | | Africa Occid. et Orient., Senegal, Colonia Cap. B.-Sp. |
| *Aubryana,* Puch., Rev. Zool., III, 1855, p. 154; Arch. Mus., X, p. 118, pl. XI. | | Gabon. |
| 1929. **tigrina,** Schreb., Säug., III, 1778, p. 425, pl. CXV; Lydekk., Carnivora, I, p. 219, pl. XXVIII; Matschie, Saug. Deuts. Ost-Afr., 1895, p. 74. | | Africa orient. et meridional, Abyssinia, Dongola, Mozambica, Natal, Fl. Orange, Pondo, Mossimboa. |
| *abyssinica,* Rüpp., Neue Wirb., 1835, p. 33; Gerrard, Cat. Bones Brit. Mus., 1862, p. 71. | | |
| ?*capensis,* F. Cuv., Mam., pl. 193. | | » |
| 1930. **pardina,** Is. Geoff., Mag. Zool., 1832, pl. VIII; »Genette panthérine«, F. Cuv., Mam., pl. 197; Gray, Cat. Carn., 1869, p. 51; Bocage, Jorn. Ac. Lisb., 1889, I, p. 177; True, Proc. U. S. Nat. Mus., 1892, p. 454. | | Africa Occid. et Centrali: Senegal, Guinea, Gabon, Cameron, Congo, Angola, Taveta, Kilimandjaro. |
| *poensis,* Waterh., P. Z. S., 1838, p. 59. | | » |
| *genettoïdes,* Temm., Esq. Côte de Guinée, 1853, p. 89; Matschie, Mitt. Geog. Ges. Lübeck, 1894, p. 133. | | » |
| *feldiana,* Du Chaillu, Proc. Bost. Soc., VII, 1860, p. 302. | | » |
| *a.* — *angolensis,* Bocage, J. S. Lisb., 1882, IX, p. 29; III, 1889, p. 177. | | Caconda, Africa australi. |
| *b.* — *servalina,* Pucher., Rev. Zool., VII, 1855, p. 154; Arch. Mus., X, p. 115, pl. X; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 174. | | Gabon, Africa Centr.-Orient., Semliki, Ruhanda, Kagera. |
| 1931. **rubiginosa,** Pucher., Rev. Zool., VII, 1855, p. 154; B. du Bocoge, Jorn. Sc. Lisb., 1889, III, p. 177; Lydekk., Carnivora, 1895, I, p. 221. | | Africa australi, Colonia Cap. Bonae-Spei, Caconda. |

## 422. **Linsang,** Gray, 1843.

*Prionodon,* Horsf., 1824 (nec F. Cuv., 1822), Gray, 1864; *Linsanga,* Lydekk., 1895; *Viverra,* p., Desm., 1820; *Paradoxurus,* Fischer, 1829.

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| 1932. **gracilis,** Desm., Mam., 1820, p. 539; Horsf., Zool. Res. Java, 1824, pl. (Felis gracilis); Müll., Verh. Natur. Ges., 1839, p. 28; Gray, P. Z. S., 1864, p. 519. | Java, Borneo, ?Sumatra. |

*linsang*, Hardw., Linn. Trans., 1812, XIII, p. 256, pl. XXIV; Blainv., Osteog., *Viverra*, pl. 12. — Java, Borneo, ?Sumatra.

*Hardwickii*, Lesson, Mon. Mamm., 1827, p. 172 (nec Gray, 1828). — »

*prehensilis*, Schinz, 1831 (nec Blainv.). — »

1933. **maculosa**, Blanford, Journ. As. Soc. Beng., XLVII, 1878, p. 93, pl. 6, 7; Mam. Ind., 1888, p. 104; Sterndale, Mam. Ind., 1884, fig. p. 214; Thomas, Ann. Mus. Genova, X, 1892, p. 9. — Tenasserim, Birma, (Moulmein), Siam, ?Malacca.

1934. **pardicolor**, Hodgs., Calcutta Journ. N. H., 1841, II, p. 37, pl. II; Gray, P. Z. S., 1864, p. 519; Anders., Anat. and Zool. Res. Yunnan, 1878, p. 166; Blanf., Mam. Ind., 1888, p. 103. — Himalaya Merid.-Orient. (Nipal, Sikkim, Yunnan, Ms Kakh).

## 423. **Poiana**, Gray, 1864.

*Genetta*, p., Waterh., 1838.

1935. **poensis**, Waterh., P. Z. S., 1838, p. 59; Mivart, P. Z. S., 1882, p. 159. — Africa Occid., Fernando-Po, Sierra-Leone, Guinea, Rio-Bountry, Mina; Africa Centrali, Monbuttu.

*genettoïdes*, Temm., Esq. Côte de Guinée, 1853, p. 89.

*Richardsoni*, Thomps., Ann. Nat. Hist., X, 1842, p. 204; Gray, P. Z. S., 1864, p. 520; Thomas, P. Z. S., 1888, p. 6.

## 424. **Hemigalus**, Jourdan, 1837.

*Viverra*, p., Gray, 1828; *Hemigalea*, Auct.

1936. **Hardwickei**, Gray, Spicil. Zool., 1830, p. 9, pl. I (nec Lesson, 1827); P. Z. S., 1864, p. 524; Mivart, P. Z. S., 1882, p. 165; Thomas, P. Z. S., 1886, p. 73; Lydekker, Carnivora, I, 1895, p. 227, pl. XXIX. — Malacca, Sumatra, Borneo.

*zebra*, Jourdan, C.-R. Ac. Sc., 1837, V, p. 442; Ann. Sc. Nat., 1837, VIII, p. 277; Eyd. et Soul., Voy. Bonite, Mamm., pl. V. — »

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| *Derbyanus*, Gray, Mag. Nat. Hist., I, 1837, p. 579 (Paradoxurus); Blainv., Osteog., *Viverra*, pl. 7 et 12; Jentink, Notes Leyd. Mus., 1888, p. 23. | Malacca, Sumatra, Borneo. |
| *Boiei*, S. Müll., Tijds. Nat. Ges., V, 1863, p. 144; Zoogd. Ind. Arch., 1839, pl. XVIII. | » |
| 1937. **Hosei**, Thomas, Ann. Nat. Hist., IX, 1892, p. 9; P. Z. S., 1892, p. 222, pl. XVIII, XIX; Hose, Mamm. Borneo, 1893, p. 22. | Borneo Sept., M[s] Dulit (et Kina Balu?), a 700 ad 1700 m. alt. |

## 425. **Nandinia**, Gray, 1843 et 1864.

*Viverra* et *Paradoxurus*, p., Gray, 1828, Temm., 1853.

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| 1938. **binotata**, Reinwardt; Gray, Spicil. Zool., 1830, II, p. 9; List of Mamm., 1843, p. 54; P. Z. S., 1843, p. 68 (Parad.), 1864, p. 530; Temm., Monog. Mam., II, p. 336, pl. 65, fig. 7—9; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 75. | Africa Occid., Guinea, Fernando-Po. Ashanti, Angola; in Orient. usque ad Uganda, Kagera. |
| *Hamiltoni*, Gray, P. Z. S., 1832, p. 67 (Parad.); Ill. Ind. Zool., pl.; Temm., Monogr., l. c., p. 336, pl. 65, fig. 1. | » |
| 1939. **Gerrardi**, Thomas, Ann. Nat. Hist., XII, 1893, p. 205; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 75. | Africa Orient., Reg. Nyasa, flum. Shire, Njama, Uhehe |

## 426. **Arctogale**, Gray, 1864.

*Paradoxurus*, p., Gray, 1832; Horsf., 1851; Temm., 1853.

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| 1940. **leucotis**, Horsf., Cat. East Ind. Mus., 1851, p. 66; Gray, P. Z. S., 1864, p. 542; Blanf., P. Z. S., 1885, p. 789; Mam. Ind., 1888, p. 115. | Indo-China, Sikkim, Arakan, Birma, Malacca, Sumatra, Borneo. |
| *stigmaticus*, Temm., Esq. Côte de Guinée, 1853, p. 120; Mivart, P. Z. S., 1882, p. 163; Jentink, Notes Leyd. Mus., 1885, p. 34; 1888, p. 23. | » |
| 1941. **trivirgata**, Gray, P. Z. S., 1832, p. 68; Blanf., P. Z. S., 1885, p. 789. | Java. |

## 427. **Paradoxurus**, F. Cuv., 1821.

1885. — **Blanford**, P. Z. S., 1885, p. 780.

*Paguma*, Gray, 1831; *Platischista*, Otto, 1835; *Amblyodon*, Jourdan, 1837.

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| 1942. **hermaphrodyta**, Schreb., Säug., III, 1778, p. 426 (Viverra); Gray, P. Z. S., 1832, p. 66; Blanf., Mam. Ind., 1888, p. 108; Lydekk., Carnivora, I, 1895, pl. XXX. | Indo-China, Birma, Siam, Cambogia, Malacca, Sumatra, Java, I. Pulo-Dua, Engano, Borneo, I. Bavean, Timor, Ceram, Sula-Bessie, Sanghi, Saleyer. |
| *prehensilis*, Desm., Mam., 1820, p. 208. | |
| *musanga* et *prehensilis*, Gray, P. Z. S., 1832, p. 66. | |
| *Pallasii* (nec Otto), *Crossii*, *Finlaysoni*, Gray, l. c., 1832, p. 67, 68. | |
| *quinquelineatus* et *musangoïdes*, Gray, A. Nat. Hist., 1837, I, p. 379. | » |
| *felinus*, Wagner, Schreb., Säug. Suppl., II, 1841, p. 349. | » |
| *nigrifrons*, Gray, List Mamm., 1843, p. 55. | » |
| *setosus*, Pucher., Voy. Pole Sud, Zool., 1853, III, p. 25. | » |
| *fasciatus*, Gray, P. Z. S., 1864, p. 536. | » |
| *a.* — Var. *strictus*, Horsf., Ann. Nat. Hist., 1855, XVI, p. 105. | Sikkim, Assam. |
| *quadriscriptus*, Horsf., l. c., p. 106. | » |
| *b.* — *niger*, Desm., Mam., 1820, p. 208; Blanf., P. Z. S., 1885, p. 792; Mam. Ind., 1888, p. 106. | India, Himalaya, Ceylon. |
| *bondar*, Desm., l. c., p. 210; Gray, P. Z. S., 1832, p. 66. | » |
| *typus*, F. Cuv., Mam., 1821, liv. XXIV, pl. 186. | » |
| ?*nubiae*, E. Geoff., F. Cuv., Mam., l. c., pl. 187. | » |
| *leucopus*, O'Gilby, Zool. Journ., IV, 1828, p. 304. | » |
| *Pennantii*, Gray, l. c., 1832, p. 66. | » |
| *Pallasi*, Otto, Nova Acta Sc. Leop.-Carol., XVII, 1835, p. 1089, pl. 72, 73. | » |
| *hirsutus*, Hodgs., As. Res., 1836, XIX, p. 72. | » |

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| 1943. **philippinensis**, Jourdan, C.-R. Acad. Sc., V, 1837, p. 523; Blanford, P. Z. S., 1885, p. 800; Everett, P. Z. S., 1893, p. 495. | I. Philippinas, Borneo, I. Palawan. |
| *philippensis*, F. Cuv., Ann. Sc. Nat., 1837, VIII, p. 372; ? Gray (partim), Cat. Carn., 1869, p. 70. | » |
| *zeylanicus*, Gray, List Mam., 1843, p. 55 (nec Kelaart). | » |
| 1944. **macrodus**, Gray, P. Z. S., 1864, p. 538; Blanf., P. Z. S., 1885, p. 801; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, II, p. 246. | Malacca. |
| 1945. **Jerdoni**, Blanf., P. Z. S., 1885, p. 613, 802; Mam. Brit. Ind., 1888, p. 111. | India merid., Madura, Ms Nilgeri. |
| 1946. **aureus**, Desm., Mam., 1820, p. 540; F. Cuv., Mém. Mus., IX, 1822, p. 48, pl. IV; Blanf., P. Z. S., 1885, p. 302; Mam. Ind., 1888, p. 110. | Ins. Ceylon. |
| *montanus*, Kelaart; Blyth, Journ. As. Soc. Beng., XX, 1851, p. 161. | » |
| *zeylanicus*, Kelaart (nec Gray), Faun. Zeyl., 1852, p. 32. | » |
| 1947. **Grayi**, Bennet, P. Z. S., 1835, p. 118; Blanf., P. Z. S., 1885, p. 803; Mam. Ind., 1888, p. 112. | Ms Himalaya, a Simla ad Assam, Arakan, Ins. Andaman; et in quibusdam Indiae regionibus. |
| *nipalensis*, Hodgs., As. Res., XIX, 1836, p. 76. | |
| *Tytleri*, Tytler, J. A. S. B., XXXIII, 1864, p. 188. | » |
| 1948. **larvatus**, Temm.; Griff., Animal Kingd., 1827, II, p. 281 (Gulo), pl.; Gray, P. Z. S., 1832, p. 67; Blanf., P. Z. S., 1885, p. 805. | China merid., Ins. Formosa. |
| *larvata*, Gray, Spicil. Zool., 1830, p. 9 (Viverra); P. Z. S., 1831, p. 95 (Paguma); Ill. Ind. Zool., II, pl. XI. | » |
| 1949. **leucomystax**, Gray, P. Z. S., 1836, p. 88 (Paguma); Blanf., P. Z. S., 1885, p. 805; »Amblyodon doré«, Jourdan, Ann. Sc. Nat., 1837, VIII, p. 372; Temm., Monog., II, p. 325, pl. 64. | Malacca, Sumatra, Borneo Insulisque vicinis (nec Java). |

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| | *auratus*, Blainv., Ostéog., Viverra, pl. XII, dent. | Malacca, Sumatra, Borneo |
| | *Jourdani*, Gray, Mag. Nat. Hist., 1837, I, p. 579. | Insulis que vicinis (nec Java). |
| | *O'Gilbyi*, Fraser, Zool. Typ., 1849, pl. X. | |
| | *rubidus*, Blyth, J. A. S. B., XXVII, 1858, p. 275. | » |
| | *philippensis*, Temm. (nec F. Cuv.), Mon., II, p. 339. | » |
| *a.* | — ?*refulgens*, Rosenberg, Reis. Zuidoorst., 1867, p. 32. | Ins. Aru. |
| 1950. | **Musschenbroecki,** Schlegel, Notes Leyd. Mus., 1879, p. 43; Blanf., P. Z. S., 1885, p. 806; Jentink, Notes Leyd. Mus., 1883, p. 178; A. B. Meyer, Abh. Zool. Anthr. Mus. Dresden, 1896, N° 6, p. 10, pl. V, VI. | Ins. Celebes sept., Menado, Gorontalo. |
| 1951. | **laniger,** Hodgs., As. Res., XIX, 1836, p. 79; Blanf., P. Z. S., 1885, p. 807; Mam. Ind., 1888, p. 114. | Nipal, ? Thibet. |

## 428. **Arctictis,** Temm., 1824.

*Ictides*, Valenc., 1824.

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| 1952. | **binturong,** Raffles, Linn. Trans., 1822. XIII, p. 253 (Viverra); Temm., Prosp. Monog., 1824; Mon. Mamm., I, p. XXI; II, 1835, p. 308; Blanf., Mam. Ind., 1888, p. 118. | M^s Himalaya, a Simla ad Assam, Birma, Siam, Malacca, Sumatra, Java, Borneo. |
| | *albifrons*, F. Cuv., Mém. Mus., IX, 1822, p. 48 (Paradoxurus); Valenc., Ann. Sc. Nat., IV, 1824, p. 57; F. Cuv., Mam., pl. 201. | » |
| | *ater*, F. Cuv., Mam., 1824, pl. 202. | » |
| | *penicillatus*, Temm., Mon. Mam., II, 1835, p. 2; Müller, Verh. Nat. Ges., 1839, p. 32. | » |

## 429. **Cynogale,** Gray, 1836.

*Potamophilus*, Müll., 1838.

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| 1953. | **Bennetti,** Gray, Mag. Nat. Hist., I, 1836, p. 578; P. Z. S., 1836, p. 88; Eyd. et Souleyet, Voy. Bonite, Mam., pl.; Mivart, P. Z. S., 1882, p. 172; Sanyal, P. Z. S., 1894, p. 296. | Malacca, Sumatra, Borneo. |

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| *carcharias*, Jourdan, Ann. Sc. Nat., VIII, 1837, p. 281 (Viverra). | Malacca, Sumatra, Borneo. |
| *barbatus*, Müll., Tijds. Nat. Ges., V, 1838, p. 140; Zoogd. Ind. Arch., 1839, pl. XVII. | » |

## Subfam. 3. **Herpestinae.**

1882. **O. Thomas,** African Mungooses, — P. Z. S., 1882, p. 59—93.
1878. **J. Anderson,** Zool. Res. Yunnan Exped., 1878, p. 168 et seq.

### 430. **Herpestes,** Illig., 1811.

*Ichneumon*, Lacep., 1801 (nec L., 1766); *Mangusta*, Oliv., 1829; *Mungos*, O'Gilby, 1835; *Urva*, Hodgs., 1837; *Mesobema*, Hodgs., 1841; *Osmetictis*, Gray, 1842; *Calogale*, *Calictis*, *Taeniogale*, *Onychogale*, Gray, 1864; *Atilax*, F. Cuv., 1826.

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| 1954. †**lemanensis**, Pomel, Catal. Vert. foss. Allier, 1854, p. 65; Filhol, Ann. Sc. Géol., X, 1879, p. 166, pl. 23, fig. 1—12; Schlosser, Beit. Pal. Oest.-Ung., VIII, 1889, p. 403. | †Miocaen. Gallia merid. |
| *primaeva*, Pomel, l. c., p. 65. | » |
| ?*antiqua*, p., Blainv.; Schloss., l. c., 1889, p. 405. | » |
| 1955. †**priscus**, Filhol, Ann. Sc. Géol., X, 1879, p. 161, pl. 24, fig. 5—9; Schlosser, Beit. Pal. O.-U., VIII, 1889, p. 404, pl. VIII, IX. | †Miocaen. Gallia et Germania merid. |
| *suevica*, H. von Meyer. | » |
| 1956. †**sp.**, Schloss., Beit. Pal. Oest.-Ung., VIII, 1889, p. 407. | †Miocaen. inf. Gallia et Germania. |
| *antiqua*, p., Blainv. | » |
| 1957. †**crassus**, Filhol, Arch. Mus. Lyon, 1881, III, p. 63, pl. IV, fig. 10—11; Depéret, Arch. Mus. Lyon, IV, 1887, p. 135; V, 1892, p. 407, pl. I, fig. 14—17. | †Miocaen. Gallia merid. |
| 1958. **ichneumon**, L., Syst. Nat., I, 1766, p. 63; Thomas, P. Z. S., 1882, p. 64; F. Cuv., Mam., pl. 188. | Hispania merid., Asia minor, Palaestina, Africa sept., Marocco, Algeria, Tunisia, Ægyptus. |
| *pharaon* vel *pharaonis*, Lacep., Mem. Inst., III, 1801, p. 492; Geoff., Descr. Egypte, II, 1812, p. 139. | |

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| *Aegypti*, Tiedem., Zool., I, 1808, p. 364. | Hispania merid., Asia minor, Palaestina, Africa sept., Marocco, Algeria, Tunisia, Ægyptus. |
| *numidicus*, F. Cuv., Mam., 1834, liv. 68, pl. 191. | |
| *Widdringtoni*, Gray, Ann. Nat. Hist., IX, 1842, p. 50. | |
| *dorsalis*, Gray, P. Z. S., 1864, p. 549 (ex Smith, S. Afr. Quart. Journ., II, 1835, p. 113). | » |
| 1959. **caffer** *(cafra)*, Gm., Linn. Sys. Nat., I, 1789, p. 85; Thomas, P. Z. S., 1882, p. 66; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 78, fig. 45. | Africa Occid., Orient. et meridional. a Senegal, Soudan et Abyssinia, ad Colon. Cap.; (introduct. in Madagascar). |
| *griseus*, Smuts, Enum. Mamm. Cap., 1832, p. 19 (nec Desm.). | |
| *madagascariensis*, Smith, S.-Afr. Quart. Journ., II, 1835, p. 114. | » |
| ? *Bennettii*, Gray, Mag. Nat. Hist., I, 1837, p. 578. | » |
| 1960. **angolensis**, Barb. du Bocage, Jorn. Sc. Lisb., 1890, II, p. 32. | Africa Occid., Angola. |
| 1961. **gracilis**, Rüpp., N. Wirb. Abyss., 1835, p. 29, pl. VIII, fig. 2; Thomas, P. Z. S., 1882, p. 68; 1893, p. 501; B. du Bocage, Jorn. Sc. Lisb., 1889, p. 178; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 79, fig. 46 (Var. *a.*, Thomas, l. c., p. 68). | Africa tropicali et meridionali a Capo Verde et Abyssinia ad Natal: Africa Occid., Senegal, Soudan, Africa Orient., Keren, Adaïl, Kilimandjaro, Bukoba, Zanzibar, Ugogo, Unyamwesi. |
| *mutgigella*, Rüpp., l. c., 1835, p. 29, pl. IX, fig. 1. | |
| *nigricaudatus*, Geoff., Mag. Zool., 1839, p. 18 (Ichneumia). | |
| *Galinieri*, Guérin, Ferret et Galinier, Voy. Abyss., Atlas Zool., 1847—48, pl. I, fig. 1 (juv.). | » |
| *punctulatus*, Gray, P. Z. S., 1849, p. 11. | » |
| *Lefebvrei*, Des Murs. et Prév., Lefebvre, Voy. Abyss., Atlas Zool., 1850, p. I *(H. gracilis*, in texto). | » |
| *ornatus*, Peters, Reis. Mossamb., Säug., 1852, p. 117, pl. XXVI. | » |

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| *ochromelas*, Puch., Rev. Zool., 1855, VII, p. 393. | Africa tropicali et meridionali etc. |
| *iodoprymnus*, Heugl., Nov. Act. Ac. Leop., XXIX, 1861, p. 23. | » |
| *adailensis*, Heugl., Peterm. Geog. Mitth., 1861, p. 17. | » |
| *mutscheltschela*, Heugl., Reis. N.-O. Afr., II, 1877, p. 41 (ex Rüpp.). | » |
| *ruficauda*, Heugl., l. c., 1877, p. 43. | » |
| *b.* — Var. *melanurus*, Martin, P. Z. S., 1836, p. 56 (Cynictis). | Africa Occid., Sierra-Leone, Cameron, Liberia. |
| *c.* — Var. *badius*, Smith, Ill. Afr. Zool., 1838, part II, pl. IV; Thomas, l. c., 1882, p. 68. | Africa Orient. et merid., Ugogo sept., Mgunda-Mkali, Zanzibar. ad Coloniam Cap. Bonae-Spei. |
| *ratlamuchi* et *Cawi*, A. Smith, App. Rep. S.-Afr. Exp., 1836, p. 42. | |
| *Granti*, Gray, P. Z. S., 1864, p. 561. | |
| *Neumanni*, Matschie, S.-B. Ges. Naturf. Fr. Berl., 1894, p. 121; Säug. Ost-Afr., 1895, p. 80. | » |
| *venatica*, Gray, l. c., 1864, p. 561. | » |
| *d.* — *ochraceus*, Gray, P. Z. S., 1848, p. 138, pl. VIII; *ochracea*, Gray, P. Z. S., 1864, p. 564 (Galerella). | Abyssinia, Angola, Benguela. |
| *flavescens*, Barb. du Bocage. | » |
| 1962. **sanguineus**, Rüpp., N. Wirb. Abyss., 1835, p. 27, pl. VIII, fig. 1; Thomas, P. Z. S., 1882, p. 71. | Ægyptus merid., Kordofan. |
| 1963. **galera**, Erxleb., Sys. Reg. Anim., I, 1777, p. 453; Geoff., Descr. Egypt. Hist. Nat., II. 1812, p. 138; Thomas, P. Z. S., 1882, p. 72; 1890, p. 444; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 77, fig. 13. | Africa Occid. et Meridional., Guinea, Dabocrom, Rio-Boutry, Cafreria, Colonia Cap. Bonae-Spei (nec Madagascar). |
| *nems* et *afra*, Kerr, Linn. S. N., 1792, p. 160 et 175 (Viverra et Mustela). | |
| *major*, E. Geoff., l. c., 1812, p. 138 (Ichneumon). | » |
| *vansire*, F. Cuv., Mam., 1826, liv. 54, pl. 198 (Atilax). | » |
| *paludinosus*, G. Cuv., Régn. Anim., 2e Ed., 1829, I, p. 158. | » |

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| *urinatrix*, A. Smith, Zool. Journ., IV, 1829, p. 437. | Africa Occid. et Meridional., Guinea, Dabocrom, Rio-Boutry, Cafreria, Colonia Cap. Bonae Spei (nec Madagascar). |
| *pluto*, Temm., Esq. Zool. Guin., 1853, p. 95. | » |
| *loempo*, Gray, P. Z. S., 1864, p. 551 (nec Temm.). | |
| *paludosus* et *vansire*, Gray, l. c., 1864, p. 557. | |
| *a*. — Var. *robustus*, Gray, P. Z. S., 1864, p. 558; True, Proc. U. S. Nat. Mus., 1892, p. 452. | Africa Orient., Nilo Albo, Usaramo, Kilimandjaro, M$^{s}$ Nguru, etc. |
| 1964. **pulverulentus**, Wagn., Münch. Gel. Anzeig., IX, 1839, p. 426; Thomas, P. Z. S., 1882, p. 74. | Colonia Cap. Orient., Algoa-Bay, Natal, Cafreria, Kingwilliamstown. |
| *apiculatus*, Gray, P. Z. S., 1864, p. 551. | |
| 1965. **punctatissimus**, Temm., Esq. Zool. Guin., 1853, p. 108; Thomas, P. Z. S., 1882, p. 74. | Africa Occid. et merid., Gabon, Algoa-Bay. |
| 1966. **auropunctatus**, Hodgs., J. As. S. Beng., V, 1836, p. 235; Wagner, Schreb., Säug. Suppl., II, 1841, p. 310; Blanf., Mam. Ind., 1888, p. 12; Sclat., Cat. Ind. Mus. Calc., II, 1891, p. 251. | Asia merid., a Persia merid.-occid., ad Sikkim, Bengal infer.: Sind, Kandahar, Himalaya inf., a Kashmir, Nipal, ad Sikkim. |
| *nepalensis*, Gray, Mag. Nat. Hist., I, 1836, p. 578. | |
| *pallipes*, Blyth, J. A. S. B., XIV, 1845, p. 346. | » |
| *javanicus*, Hodgson (nec Desm.), Blyth, 1852. | » |
| *persicus*, Gray, P. Z. S., 1864, p. 554. | » |
| †*nipalensis* (fossilis), Lydekker, 1886. | » |
| *a*. — Var. *birmanicus*, Thomas, P. Z. S., 1886, p. 58; Blanf., Mam. Ind., 1888, p. 122. | Assam, Birma, ? Malacca. |
| 1967. **griseus**, E. Geoff., Descr. Egypt., II, 1812, p. 157; Desm., Mam., 1820, p. 212; Sykes, P. Z. S., 1831, p. 102; Anders., Zool. Yunnan, p. 181, pl. VIII; Thomas, P. Z. S., 1886, p. 56 (nota). | India a Kashmir et M$^{s}$ Himalaya ad Bengal merid., Ceylon. |

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| *mungo*, part., Gmel., S. N., 1789, I, p. 84; Schreb., Säug., III, pl. 116 (nec 116 B); Blanf., P. Z. S., 1887, p. 631; Mam. Ind., 1888, p. 123. | India a Kashmir et Ms Himalaya ad Bengal merid., Ceylon. |
| *Frederici*, Desm., Dict. Sc. Nat., 1823, XXIX, p. 60. | » |
| *nyula*, Hodgs., J. A. S. B., V, 1836, p. 236. | » |
| *pallidus*, Wagner, S. S. S., 1841, II, p. 311, pl. 116 G. | » |
| *malaccensis*, F. Cuv., Mam., 1819, pl. 189 (Mungos). | (Introduct. in Malacca). |
| *fimbriatus*, Temm. | » |
| *ferrugineus*, Blanf., P. Z. S., 1874, p. 661, pl. 81. | » |
| *Andersoni*, Murray, Vert. Faun. Sind., 1884, p. 34. | » |
| 1968. **Smithi**, Gray, Mag. Nat. Hist., 1837, I, p. 578; P. Z. S., 1851, p. 131, pl. XXXI; Anders., Zool. Yunnan, 1878, p. 176; Blanf., Mam. Ind., 1888, p. 126. | India, a Kashmir et Singbhoom ad Ceylon (in silvis). |
| *thysanurus*, Wagner, Münch. Gel. Anz., IX, p. 449; Gray, P. Z. S., 1864, p. 564. | » |
| *rubiginosus*, Wagner, S. S. S., II, 1841, p. 329 (Crossarchus); Kelaart, Faun. Zeyl., 1853, p. 43. | » |
| *Ellioti*, Blyth, J. A. S. B., 1851, XX, p. 162. | » |
| *Jerdoni*, Gray, P. Z. S., 1864, p. 350; Anders., l. c., p. 183, pl. VIII. | » |
| *monticolus*, Jerdon; Kelaart, Faun. Zeyl., l. c., p. 44. | » |
| 1969. **fuscus**, Waterh., P. Z. S., 1838, p. 55; Anders., Zool. Yunnan, 1878, p. 184, pl. VIII; Blanf., Mam. Ind., 1888, p. 127. | India merid., Travancore, Nilgiri-Hills. |
| 1970. **fulvescens**, Blyth, J. As. S. Beng., 1851, p. 20, 162, 184; Kelaart, Faun. Zeyl., 1853, App., p. 16. | Ins. Ceylon, Ms Newera-Ellia. |
| *flavidens*, Kelaart, l. c., 1852, p. 44. | » |
| *Maccarthiae*, Gray, P. Z. S., 1851, p. 131; 1864, p. 570; Anders., Zool. Yunnan, 1878, p. 177, pl. IX. | » |
| *ceylanicus*, Nevill, Trapobanian, I, 1885, p. 62. | » |

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| 1971. **javanicus,** E. Geoff., Descr. Egypt., 1812, Hist. Nat., II, p. 138; F. Cuv., Mam., 1821, liv. XXV, pl. 190; Desm., Mam., 1820; Anders., Zool. Yunnan, 1878, p. 185; Horsf., Res. Java, 1824. | | Java, Pinang, Sumatra, Malacca, Cochinchina, Cambodjia. |
| *ruber*, E. Geoff., l. c., 1812, p. 138. | | » |
| *exilis*, Gerv., Voy. Bonite, 1841, pl. III. | | » |
| *rutilus*, Gray, P. Z. S., 1861, p. 136; 1864, p. 561. | | » |
| 1972. **brachyurus,** Gray, Mag. Nat. Hist., 1837, I, p. 578; Voy. of Samarang, 1850, pl. IV; Anderson, Zool. Yunnan, 1878, p. 187; Jentink, Notes Leyd. Mus., 1880, p. 23; 1895, p. 46. | | Malacca, Sumatra, Borneo, I. Palawan, I. Calamianes. |
| 1973. **vitticollis,** Bennet, P. Z. S., 1835, p. 67; Gray, P. Z. S., 1864, p. 569; Elliot, Madras Journ., 1839, pl. II; 1840, p. 12, pl. I; Blainv., Ostéog., *Viverra*, p. 96; Anderson, Zool. Yunnan, 1878, p. 188, pl. IX; Blanf., Mam. Ind., 1888, p. 128. | | India merid., Malabar, Ceylon. |
| 1974. **semitorquatus,** Gray, Ann. Nat. Hist., 1846, XVIII, p. 211; Voy. Samarang, 1850, pl. III. Anders., Yunnan, l. c., p. 191, pl. IX; Jentink, Notes Leyden Mus., 1894, p. 210. | | Borneo, Sumatra. |
| 1975. **urva,** Hodgs., J. As. S. Beng., 1836, V, p. 238; Anders., Zool. Yunnan, l. c., p. 189, pl. IX; Blanf., Mam. Ind., 1888, p. 129. | | M$^{s}$ Himalaya ab Afghanistan et Nipal ad Assam, Arrakan, Birma, Tenasserim sept., China merid. (Fokien, Amoy, Kiang-Se). |
| ? *fusca*, Gray, Ill. Ind. Zool., 1830, I, pl. V; Ann. Nat. Hist., 1842, p. 260 (Osmetictis). | | » |
| *cancrivora*, Hodgs., J. A. S. B., 1837. VI, p. 560; X, 1841, p. 910; Calc. Journ, N. H., II, p. 45, pl. XIII; p. 214; IV, p. 287; Sterndale, Ind. Mam., 1884, fig. p. 227. | | |
| 1976. **albicaudus,** G. Cuv., Régn. Anim., Ed. 2, 1829, I, p. 158; Thomas, P. Z. S., 1882, p. 75; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 78, fig. 44. | | Africa Orient. et Occid., ab Abyssinia ad Natal, et a Senegal, Gabon, Guinea, ad Angola: Africa sept.-orient., |
| *leucurus*, Ehrenb., Symb. Phys., 1830, pl. 12, Dec. 2. | | |

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| *albescens*, Is. Geoff., Mag. Zool., 1839, p. 16 et 35 (descriptio nec fig.). | Berber, Mpouapoua, Tanga, Irangi. |
| *loempo*, Temm., Esq. Zool. Guinée, 1853, p. 93 (nec Gray). | Useguha, Bukoba; Arabia (Mascat). |
| *nigricauda*, Puch., Rev. Zool., 1855, p. 394. | » |
| ? *nigripes*, Puch., l. c., 1855, p. 11 (Bdeogale). | » |
| *pluto*, Gray, P. Z. S., 1864, p. 552 (nec Temm.). | » |
| *abu-wudan*, Fitz. et Heugl., S.-B. Ak. Wien, LIV, Abth. 1, p. 561. | » |
| 1977. **grandis**, Thomas, P. Z. S., 1889, p. 622. | Africa merid., (Limpopo vel Zululand). |

## 431. **Helogale**, Gray, 1861.

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| 1978. **parvula**, Sundev., Ofv. Kongl. Vet. Ak. Förh., 1846, p. 121; Gray, P. Z. S., 1861, p. 308, fig. (cran.); Thomas, P. Z. S., 1882, p. 79; Jentink, Notes Leid. Mus., 1888, p. 31. | Africa oriental., Natal; Africa occid., Angola, Mossamedes (Gambo); Africa oriental. et meridional.; Mozambica, Taita, Usongo, Unyamouesi, Ukami, Victoria-Nyansa, Kilimandjaro, Usegula; Zambezia, flum. Orange. |
| *a.* — Var. *undulata*, Peters, Reis. Mossamb., 1852, p. 114, pl. XXV; Thomas, P. Z. S., 1882, p. 80; 1890, p. 444; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 80. | |

## 432. **Bdeogale**, Peters, 1852.

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| 1979. **crassicauda**, Peters, Reis. Mossamb., Säug., 1852, p. 119, 120, pl. XXVII; Thomas, P. Z. S., 1882, p. 81. | Africa Orient., Mozambica (Tette-Boror). |
| 1980. **puisa**, Peters, Reis. Moss., Säug., 1852, p. 124, pl. XXVIII; Thomas, P. Z. S., 1882, p. 81; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 76, fig. 42. | Mozambica (Mossimboa), Zanzibar, Bagamoyo. |
| 1981. **nigripes**, Pucher., Rev. Zool., 1855, p. 111; Thomas, P. Z. S., 1882, p. 82; Barb. du Bocage, Jorn. Sc. Lisb., I, 1889, p. 180. | Africa Occid., Gabon, Angola. |

## 433. **Cynictis,** Ogilby, 1833.

*Herpestes*, p., G. Cuv., 1829.

1982. **penicillata,** G. Cuv., Regn. An., Ed. 2, I, 1829, p. 158; Thomas, P. Z. S., 1882, p. 83. — Africa australi, Colonia, Cap. Bonae-Spei.

*Levaillantii*, A. Smith, Zool. Journ., IV, 1829, p. 437 (Mangusta).

*Steedmanni*, Ogilby, P. Z. S., 1833, p. 49. — »

*typicus*, Smith, S.-Afr. Quart. Journ., II, 1835, p. 116. — »

*Ogilbyi*, Smith, l. c., 1835, p. 117; Ill. Zool. S.-Afr., 1849, pl. 16. — »

*albescens*, Geoff., Mag. Zool., 1839, pl. 12 (Ichneumia; fig. nec descript.). — »

*leptura*, Smith, Ill. Zool. S.-Afr., 1849, pl. 17. — »

## 434. **Rhynchogale,** Thomas, 1894.

*Rhinogale*, Gray, 1864 (nec Gloger, 1842).

1983. **Melleri,** Gray, P. Z. S., 1864, p. 375, fig. cran.; Thomas, P. Z. S., 1882, p. 85, pl. III; 1894, p. 139; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 82. — Africa Orient., Reg. Nyasa, Zomba.

## 435. **Crossarchus,** F. Cuv., 1825.

1894. — **De Pousargues,** Archiv. du Muséum, 1894, VI, 1 pl.

*Ariela*, Gray, 1864; *Mungos*, Gray, 1864 (nec Ogilby).

1984. **obscurus,** F. Cuv., Mam., 1825, liv. 47, pl. 199; Thomas, P. Z. S., 1882, p. 87; 1888, p. 7. — Africa Occid., Cameron, Congo; Africa Orient. equat. Mombuttu.

*typicus*, A. Smith, S.-Afr. Quart. Journ., II, 1835, p. 135.

1985. **gambianus,** Ogilby, P. Z. S., 1835, p. 102; Gray, P. Z. S., 1864, p. 575; Thomas, P. Z. S., 1882, p. 88. — Africa Occid., Gambia.

1986. **Dybowskii,** Pousarg., Archiv. Mus. Paris, VI, 1894, p. 121. — Congo super., Oubangui.

1987. **zebra,** Rüpp., N. Wirb. Abyss., 1835, p. 30, pl. IX, fig. 2; pl. X, fig. 1 (cran.); Thomas, P. Z. S., 1882, p. 89; 1888, p. 6. — Abyssinia, Bogos, Kordofan.

*a.* — *gothneh* et *leucostethicus*, Fitz. et Heugl., S.-B. Ak. Berl., LIV, 1866, 1, p. 560, 561. — Sennaar, Bahr-el-Abiad, Tingasi, Gadda.

1987[b]. **somalicus,** Thomas, Ann. Nat. Hist., XV, 1895, p. 531. — Reg. Somali.

1988. **fasciatus,** Desm., Dict. Sc. Nat., XXIX, 1823, p. 58; Thomas, P. Z. S., 1882, p. 90; 1893, p. 501; Barb. du Bocage, Jorn. Sc. Lisb., 1889, I, p. 180; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 81, fig. 47; Lydekk., Carniv., 1, 1895, p. 275, pl. 32. — Africa Orient. et Merid., ab Ibea, Zambezia sept. ad Cafreriam: Dar-es-Salaam, Unyamouesi, Tanga, Ugunda, Kilimandjaro, Zanzibar, Mozambica, Natal, Cafreria, Colonia Cap. B.-Spei, Angola.

*ichneumon* β, Schreb., Säug., III, 1778, p. 430, pl. 116 B (nec 116) (Viverra). — »

*mungo*, part., Gm., Linn. S. N., I, 1789, p. 84; True, Proc. U. S. Nat. Mus., 1892, p. 453. — »

*taenionotus*, Smith, S.-Afr. Quart. Journ., II, 1835, p. 114; Gray, P. Z. S., 1864, p. 565. — »

## 436. **Suricata,** Desm., 1804.

*Rhyzaena*, Illig., 1811.

1989. **tetradactyla,** Schreb., Säug., III, 1778, p. 434, pl. CXVII; Thomas, P. Z. S., 1882, p. 92; Illig., Prod. Syst. Mam., 1811, p. 134. — Africa merid., Colonia Cap. Bonae-Spei, Algoa.

*suricatta*, Erxl., Sys. Regn. An., 1777, p. 488. — «

*zenik (Mus)*, Scop., Del. Flor. et Faun., II, 1786, p. 84. — »

*capensis*, Desm., Tabl. Méth. des Mam., Nouv. Dict. H. N., 1804, XXIV, p. 15. — »

*viverrina*, Desm., Nouv. Dict., 2[e] Ed., 1819, XXXII, p. 297. — »

*typicus*, Smith, S.-Afr. Quart. Journ., II, 1835, p. 117. — »

### 437. **Galidictis,** Is. Geoff., 1837.

*Mustela* p., E. Geoff., 1826; *Putorius*, p., G. Cuv., 1829.

1990. **striata,** E. Geoff., Dict. Class. Hist. Nat., 1826, X, p. 214; G. Cuv., Regn. An., 2e Ed., 1829, I, p. 144; Is. Geoff., C.-R. Acad. Sc. Paris, V, 1837, p. 580; Mag. Zool., 1839, pl. 18 et 19; Mivart, P. Z. S., 1882, p. 186. — Madagascar.

1991. **vittata,** Gray, P. Z. S., 1848, p. 21, pl. I; Coquerel, Mag. Zool., XI, p. 465, pl. 18, fig. 2 (cran.); Mivart, P. Z. S., 1882, p. 186. — Madagascar.

### 438. **Galidia,** Is. Geoff., 1837.

1992. **elegans,** Is. Geoff., C.-R. Ac. Sciences de Paris, V, 1837, p. 580; Mag. Zool., 1839, p. 27, pl. 14, 17; Jentink, Notes Leid. Mus., 1879, p. 135; Mivart, P. Z. S., 1882, p. 186. — Madagascar.

### 439. **Hemigalidia,** Mivart, 1882.

*Salanoia*, Gray, 1864.

1993. **unicolor,** Is. Geoff., C.-R. Ac. Sc. Paris, V, 1837, p. 581; Mivart, P. Z. S., 1882, p. 188. — Madagascar.

*concolor*, Is. Geoff., Mag. Zool., 1839, p. 30, pl. 15; Jentink, Notes Leid. Mus., 1879, p. 135; Mivart, P. Z. S., 1882, p. 188; Thomas, P. Z. S., 1882, p. 60, nota 2 et p. 73. — »

1994. **olivacea,** Is. Geoff., Mag. Zool., 1839, p. 36, pl. 16; Gray, P. Z. S., 1864, p. 56; Jentink, Notes Leid. Mus., 1879, p. 136; Mivart, P. Z. S., 1882, p. 188. — Madagascar.

### 440. **Eupleres,** Doyère, 1835.

1995. **Goudoti,** Doyère, Ann. Sc. Nat., 1835, IV, p. 281, pl. XVIII; Blainv., Ostéog., Viverra, pl. VIII (cran.); Gervais, Journ. de Zool., 1874, III, p. 236, pl. VII; Mivart, P. Z. S., 1882, p. 189. — Madagascar Oriental., Tamatave.

## Familia VII. **Felidae.**

1878—83. — **D. G. Elliot,** Monograph of the *Felidae,* in-fol., 43 pl. col., London, 1878—83.

1881. — **S. G. Mivart,** *The Cat,* cum 200 fig., London 1881.

Distributio Geographica (Spec. viv.):

1895. — **Matschie,** S.-B. Gesellsch. Naturf. Freunde Berlin, 1895. p. 190—199.

1858. — **Severtzow,** *Sur la Classification multisériale des Carnivores* (Félidés), — Revue et Mag. de Zoologie, 1857 et 1858.

Palaeontologia:

1880. — **E. D. Cope,** *The Extinct Cats of America,* — American Naturalist, 1880, p. 833—858 et fig.

1896. — **Adams,** *Extinct Felidae of N.-America,* — Am. Journ. Sc., 1896, I, p. 419—444 et 3 pl.

### Subfam. 1. **Cryptoproctinae.**

#### 441. †**Proaelurus,** Filhol, 1879.

*Pseudaelurus,* p., Filhol, 1877.

1996. †**Julieni,** Filhol, Ann. Sc. Géol. et Bibl. Hautes Etudes, 1879, p. 192, pl. 27, fig. 5—13. — †Miocaen. inf. Gallia centrali.

1997. †**lemanensis,** Filhol, Ann. Sc. Géol. et Bibl. Hautes Etudes, 1879, p. 198, pl. 26, fig. 2—11; Bull. Soc. Toul., l. c., 1880. — †Miocaen. inf. Gallia.

#### 442. **Cryptoprocta,** Bennet, 1832.

1998. **ferox,** Bennet, P. Z. S., 1832, p. 46; Trans. Zool. Soc., I, p. 137, pl. 14 (junior); Blainv., Ost. *Viverra,* pl. VI et XII; A. M.-Edw. et Grand., Ann. Sc. Nat., 1867, pl. 1—4 (adult.); Schlegel et Poll., Faune Madag., II, p. 13, pl. 8; Filhol, C.-R. Ac. Sc., CXIX, 1894, p. 1060; Beddart, P. Z. S., 1895, p. 430, pl. XXVI. — Madagascar.

*typicus,* A. Smith, S.-Afr. Quart. Journ., II, p. 134. — »

## Subfam. 2. **Machaerodinae.**

### 443. †**Archaelurus,** Cope, 1879.

1999. †**debilis,** Cope, Am. Natur., 1879, p. 798a; Tert. Vert., 1884, p. 952, fig. 37 et pl. 71a, 72; Scott et Osb., Bull. Mus. Comp. Zool., 1890, p. 71. †Miocaen. America sept. (Oregon).

*intrepidus*, Leidy, Ext. Fauna Dak. Nebr., 1869, p. 52, 367, pl. I, fig. 8. Dakota, Nebraska.

### 444. †**Aelurictis,** Trt., 1886.

*Aelurogale*, Filhol, 1872 et 1880 (nec Fitzing., 1869); *Pseudaelurus*, p., Filhol, 1872, Lydekker, 1877.

2000. †**intermedia,** Filhol, Ann. Sc. Géol., 1872, III, pl. XVI; VII, 1876, p. 158, pl. XXII, XXVII; VIII, 1877, p. 30, fig. 209—212; Arch. Mus. Lyon, III, 1881, p. 59, pl. IV; Schlosser, Beit. Pal. Oest.-Ung., 1889, p. 427, pl. IX; Rütimeyer, Verh. Naturf. Ges. Basel, IX, 1890, p. 13; Trouessart, La Grande Encyclopédie, 1886, art. *Aelurictis*, I, p. 954. †Eocaen. Europa centrali, Gallia, Helvetia, Germania.

*Edwardsi*, Filhol, l. c., 1872, pl. XIII; Bull. Soc. Toul., 1880, p. 103. »

*a.* — *minor*, Filhol, Bull. Soc. Toul., 1880, p. 19, pl. IV, fig. 9—11. »

*b.* — *mutata*, Filhol, C.-R. Ac. Sc., 1880, XCI, p. 346. »

2001. †**sivalensis,** Lydekk., Rec. Geol. Surv. Ind., 1877, p. 83; Mem. Geol. Surv. Ind., 1884, p. 317, pl. 44. †Miocaen. sup. India (Punjab).

### 445. †**Aeluropsis,** Lydekker, 1884.

*Haplogale*, p., Schloss.

2002. †**annectans,** Lydekk., Mem. Geol. Surv. Ind., 1884, Ser. 10, II, p. 316, pl. 33; Cat. Foss. Mam., 1885, I, p. 66. †Miocaen. sup. India (Punjab).

### 446. †**Paradoxaelurus,** Filhol, 1892.

2003. †**Douvillei.** Filh., C.-R. Soc. Philom., 1891—92, N° 11, p. 1. †Eocaen. Gallia.

### 447. † **Nimravus,** Cope, 1879.

2004. † **gomphodus,** Cope, Am. Nat., 1880, p. 844, fig. 7; Bull, Geol. Surv., 1881, p. 167; Tert. Vert., 1884, p. 964, pl. 73, 74. — † Miocaen. med. America sept. (Oregon).

*brachyops*, Cope, Proc. Ac. Philad., 1879, p. 169, 170 (nec »Machaerodus brachyops«, p. 72). — »

2005. † **confertus,** Cope, Bull. U. S. Geol. Surv., 1881, p. 172; Am. Nat., 1880, p. 849, fig. 10; Tert. Vert., 1884, p. 972, pl. 71a, fig. 17. — † Miocaen. med. Amer. sept. (Oregon).

### 448. † **Ælurotherium,** Adam, 1896.

*Patriofelis*, p., Osborn, 1892 [1]).

2006. † **Leidyanum,** Osb., Bull. Am. Mus., 1892, p. 98, fig. 5; Scott, l. c., 1892, p. 313; Adams, Amer. Journ. of Science, 1896, p. 442. — † Eocaen. Wyoming (Bridger).

### 449. † **Dinictis,** Leidy, 1854.

*Daptophilus*, Cope, 1873; *Pogonodon*, Cope, 1880.

2007. † **felina,** Leidy, Proc. Acad. Philad., 1854, p. 127; 1856, p. 91; 1857, p. 90; Ext. Mam. Faun., 1869, p. 64, pl. V, fig. 1—4; Cope, Tert. Vert., 1884, p. 978; Scott et Osb., Bull. Mus. Princet Coll., 1887, XIII; Scott, Proc. Ac. Nat. Sc. Phil., 1889, p. 211; Adams, Am. Journ. Sc., 1896, p. 426, 430, pl. XII, fig. 1. — † Miocaen. America septent.

2008. † **cyclops,** Cope, Tert. Vert., 1884, p. 974, pl. XXV, fig. 1, 2; Adams, l. c., 1896, p. 430, pl. XII, fig. 4. — † Miocaen. America sept.

2009. † **squalidens,** Cope, Proc. Ac. Phil., 1879, p. 176 (Daptophilus); Ann. Rep., 1873, p. 508; Tert. Vert., 1884, 979, pl. 67a, fig. 15—16; Adams, Amer. Journ. Sc., 1896, p. 430, pl. XII, fig. 2. — † Miocaen. America sept.

[1]) Delete Speciem 1379, quae = **Ælurotherium** (fide Adams), nec *Patriofelis* est.

2010. † **fortis,** Adams, Amer. Natur., 1895, p. 574, fig. 1; l. c., 1896, p. 430, pl. XII, f. 3. — † Miocaen. America sept.

*paucidens* Riggs, Kansas Univ. Quart., 1896, p. 237. — »

2011. † **bombifrons,** Adams, Amer. Nat., 1895, p. 577, pl. 26. — † Miocaen. America sept.

2012. † **platycopis,** Cope, Am. Natur., 1879, p. 798a; 1880, p. 847, fig. 9; Tert. Vert., 1884, p. 982, pl. 74a; Adams, Amer. Journ. Sc., 1896, p. 431, pl. XII, fig. 6. — † Miocaen. America sept. (Oregon).

2013. † **brachyops,** Cope, Am. Natur., 1880, p. 849, pl. XI; Tert. Vert., 1884, p. 987, pl. 74b, 74, fig. 3—10; Adams, l. c., 1896, p. 431, pl. XII, fig. 5. — † Miocaen. Oregon.

## 450. † Hoplophoneus, Cope, 1874.

1896. — **G. I. Adams,** American Naturalist, 1896, p. 46, 2 pl.

*Drepanodon*, p., Leidy, 1851; *Machaerodus*, p., Cope [1]), 1873; *Dinotomius*, Williston, 1895.

2014. † **cerebralis,** Cope, Amer. Natur., 1880, p. 143 et 850; Tert. Vert., 1884, p. 997, pl. 75a, fig. 3—4; Adams, l. c., 1896, p. 429, pl. XI, fig. 1; Amer. Nat., 1896, p. 50, pl. I, fig. 1. — † Miocaen. Oregon.

2015. † **oreodontis,** Cope, Syn. Vert. Colorad., 1873, p. 9; Tert. Vert., 1884, p. 993, pl. 67a, 75a; Adams, l. c., 1896, p. 429, pl. XI, fig. 2; Am. Nat., 1896, p. 50, pl. I, fig. 2. — † Miocaen. Colorado.

2016. † **primaevus,** Leidy, Proc. Acad. Philad., 1851, p. 329; 1853, p. 392; 1857, p. 90; Ext. Mam. Faun., 1869, p. 54, pl. IV; Adams, Am. Journ. Sc., 1896, p. 419, 428, pl. X, fig. 3; Am. Nat., 1896, p. 49, pl. I, fig. 3. — † Miocaen. America sept. (Dakota).

[1]) Genus **Machaerodus** in America septentrionali adhuc non certe cognoscitur (fide Adams: Am. Journ. Sc., 1896, p. 432); Gen. **Smilodon** est Americae Meridionalis (Reg. Neotropicali).

2017. †? **catocopsis,** Cope, Am. Nat., 1887, p. 1019 (Machaerodus). — †Pliocaen. America septent.

2018. † **robustus,** Adams, Am. Nat., 1896, p. 49, pl. I, fig. 4. — †Miocaen. Amer. sept.

*primaevus*, p., Leidy; Osb. et Wortm., Bull. Am. Mus., VI, 1894, p. 228. — »

2019. † **insolens,** Adams, Am. Nat., 1896, p. 48, pl. I, fig. 5; Am. Journ. Sc., 1896, p. 429. — †Miocaen. Amer. sept.

*occidentalis*, p., Osb. et Wortm., l. c., 1894, p. 227 (nec Leidy). — »

2020. † **occidentalis,** Leidy, Proc. Acad. Philad., 1866, p. 345; Ext. Mam. Fauna, 1869, p. 63, pl. V, fig. 5; Adams, Amer. Nat., 1896, p. 47, pl. II, fig. 1 et 2; Am. Journ., Sc., 1896, p. 428, pl. XI; Riggs, Kansas Univ. Quart., 1896, p. 37, pl. I. — †Miocaen. America sept. (Dakota).

*atrox*, Williston, Kansas Univers. Quart., Jan. 1895. — »

2021. ? † **strigidens,** Cope, Proc. Am. Phil. Soc., 1878, p. 71; Am. Nat., 1880, p. 851; Tert. Vert., 1884, p. 1001, pl. 75 a, fig. 6 (sp. dubia, fide Adams, l. c., p. 429). — †Miocaen. Oregon.

2022. ? † **crassidens,** Cragin, Science, 1892 (Machaerodus); Williston, Kansas Universit. Quater., 1895. — †Miocaen. America sept.

## 451. † Eusmilus, Gerv., 1875.

*Machaerodus*, p., Filhol; *Drepanodon*, p., Gerv. et Auct.

2023. † **bidentatus,** Filhol, Ann. Sc. Géol., 1876, VII, p. 153, fig. 135—142; Bull. Soc. Philom., XII, 1887—88, p. 129. — †Eocaen. Gallia merid.

*perarmatus* et *bidentatus*, Gerv., Journ. Zool., 1875, IV, p. 419. — »

2024. † **sp.,** Schloss., Beit. Pal. Oest.-Ung., 1889, p. 434, pl. IX, fig. 22, 50, 53 (Drepanodon). — †Miocaen. Gallia.

2025. † **dakotensis,** Hatcher, Amer. Nat., 1895, p. 1091, pl. XL; Adams, Am. Nat., 1896, p. 48, pl. II, fig. 3. — †Miocaen. America sept. (Dakota).

## 452. †**Machaerodus,** Kaup, 1833.

*Agnotherium*, p., Kp., 1833; *Cultridens*, Croizet, 1837; *Drepanodon*, Cope; *Megantherеon*, Pomel, 1853; *Steneodon*, Croizet, 1833; *Ursus* et *Felis*, p., Auct. Vet.

2026. †**insignis,** Filhol, Ann. Sc. Géol., VII, 1876, p. 152. — †Eocaen. Gallia.

2027. †**palmidens,** Blainv., Ostéog., *Felis*, p. 157, pl. 17, 18; Gerv., Zool. et Pal. Gén., II, 1876, p. 54, pl. XII; Filhol, Ann. Sc. Géol., XXI, 1891, p. 47, pl. II et III. — †Miocaen. Gallia.

2028. †**Jourdani,** Filhol, Arch. Mus. Lyon, III, 1881, p. 56, pl. IV; Depéret, Arch. Mus. Lyon, IV, 1887, p. 127, pl. XIII; V, 1892, p. 18, pl. I, fig. 1. — †Miocaen. Europa centrali, Gallia.

*germanica*, Fraas (Hyaenictis), Wurtt. Jahresb., 1885, p. 319, pl. IV. — Germania.

2029. †**leoninus,** Roth et Wagn., Abh. Ak. Wiss. Münch., VII, 1854; VIII, 1857; Gaudry, An. Foss. Attique, 1862; Kittl, Ann. Nat. Hofmus. Wien, II, 1887, p. 331, pl. XVI; Weithofer, Beit. Pal. Oest.-Ung., VI, 1888, p. 241, pl. X. — †Miocaen. Europa centrali et meridion.: Gallia merid., Ungria, Italia, Graecia.

*aphanista*, Kaup (Felis), Oss. Foss. Darm., 1832, pl. I. — »

*cultridens*, Kaup (nec Cuv.), Gaudry, An. M^t^ Léberon, 1873, pl. II. — »

*gigantea*, Wagner (Felis, 1848). — »

2030. †**ogygius,** Kaup, Oss. Foss., 1832, p. 21, pl. I et II; Schloss., Beit. Pal. Oest.-Ung., 1889, p. 438, 441. — †Miocaen. Europa et Asia.

*orientalis*, Kittl, Ann. Hofmus. Wien, 1887, p. 329, pl. XIV et XV. — »

*Schlosseri*, Weith., Beit. Pal. Oest.-Ung., 1888, p. 233, pl. XI. — »

2031. †**cultridens,** Cuv., Oss. Foss., 1824, V, part. 2, p. 517; Gervais, Zool. et Pal. Franç., 1859, pl. 27; Backhouse, Quart. Journ. Geol. Soc., 1886, p. 309, pl. X; Depéret, Mém. Soc. Géol., Pal., I, 1890, p. 18, pl. II, fig. 5—9. — †Pliocaen et Pleistocaen. Europa, Gallia, Germania, Italia.

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|---|---|---|
| | *drepanodon*, Nesti (Ursus, 1826). | † Pliocaen. et Pleistocaen. Europa, Gallia, Germania, Italia. |
| | *megantereon*, Croizet et Job., Oss. Foss. Puy-de-Dôme, 1828, I, p. 215; Gervais, 1859; Lydekk., 1885. | |
| | *macroscelis*, Pomel, Catal. Méth., 1854, p. 55. | » |
| 2032. | † **crenatidens,** Fabrini, Mach. del Val. d'Arno, 1890, p. 26, pl. V, VI. | † Pliocaen. Italia et Anglia. |
| 2033. | † **Nestianus,** Fabr., l. c., 1890, p. 36, pl. VI (Homotherium). | † Pliocaen. Italia. |
| 2034. | † **latidens,** Owen, Brit. foss. Mam., 1846, p. 179, fig. 69, 70; Gerv., Zool. et Pal. Gén., I, 1867, p. 78, pl. XVIII; Boyd Dawkins, Brit. Pleist. Mam. Felidae (Pal. Soc., 1872), IV, p. 184, pl. XXV; Brandt-Woldrich, Diluv. Säug., 1887, p. 23. | † Pleistocaen. Europa. |
| | ? *europaea*, Bourg. (Tigris), Felidae foss., 1879, p. 19. | Belgia. |
| 2035. | † **priscus,** Kaup, Oss. Foss. Mus. Darmst., 1832, p. 20, pl. II (Felis). | † Pliocaen. Germania. |
| 2036. | † **maritimus,** Christol; Gervais, Zool. et Pal. Fr., 1859, p. 230. | † Pliocaen. Gallia merid. |
| 2037. | † **antediluvianus,** Kaup, Oss. Foss. Mus. Darmst., 1832, pl. II, fig. 5 (Felis). | † Miocaen. Germania. |
| | *parvulus*, Hensel. | » |
| 2038. | † **leiodon,** Weith., Beitr. Pal. Oest.-Ung., VI, 1888, p. 242, pl. XI, fig. 8 (Felis). | † Miocaen. Graecia. |
| 2039. | † **sivalensis,** Falc. et Cautl., Pal. Mem., 1868, I, p. 550; Lydekk., Mem. Geol. Surv. Ind., X, 2, 1884, p. 157, pl. XLIV. | † Pliocaen. India sept. |
| | *Falconeri*, Pomel, Cat. Méth., 1854, p. 56; Gaudry, An. Foss. Attiq., 1862, p. 113. | » |
| 2040. | † **palaeindicus,** Bose, Quart. Journ. Geol. Soc., 1880, XXXVI, p. 125, pl. V; Lydekk., Mem. Geol. Surv. Ind., X, 2, 1884, p. 164, pl. XLIII, XLIV. | † Pliocaen. India. |

## 453. †**Smilodon,** Lund, 1842.

*Trucifelis*, Leidy, 1868.

2041. †**gracilis,** Cope, Amer. Natur., 1880, p. 854; 1895, p. 448; Proc. Ac. Nat. Sc. Philad., 1895, p. 448. — †Pleistocaen. America sept. (Pensylvania).

2042. †**fatalis,** Leidy, Ext. Mam. Faun., 1869, p. 366, pl. 28 (Trucifelis). — †Pleistocaen. America sept., (Texas).

*neogaeus*, p., Adams, Am. Journ. Sc., 1896, p. 433. — »

2043. †**floridanus,** Leidy, Proc. Ac. Nat. Sc. Philad., 1889, p. 29; Trans. Wagner free Inst. Philad., II, 1889, p. 13, pl. III, fig. 1. — † Pleistocaen. Florida.

2044. †**neogaeus,** Lund, Abh. Akad. Wiss. Kjob., VIII, 1839, p. 94, 134 (Hyaena); Burm., Anal. Mus. Buenos-Aires, 1866, I, p. 123; Abh. Naturf. Ges. Halle, X, 1867, pl. I; Descr. Phys. Rep. Arg., III, 1879, p. 106, pl. IX, X; Branco, Foss. Säug. Punin, 1883, p. 137; Ameghino, Mam. Fosil. Rep. Arg., 1889, p. 336, pl. III; Winge, E. Mus. Lundii, 1895, p. 13. — †Pleistocaen. America merid., Brasil, La Plata.

*populator*, Lund (Smilodon). — »

*bonaerensis*, Muniz (Munifelis). — »

*smilodon*, Blainv. (Felis). — »

*Blainvillei*, Desm. (Smilodon). — »

*necator*, Gerv., C.-R. Ac. Sc., 1878; Cope, Am. Nat., 1880, p. 854, fig. 13—15. — »

*Pradosii*, Liais. — »

2045. †**ensenadensis,** Ameghino, Mamif. Fosil. Rep. Arg., 1889, p. 339. — † Pleistocaen. La Plata.

## 454. †**Dinobastis,** Cope, 1893.

2046. †**serus,** Cope, Am. Natur., 1893, p. 896; Journ. Ac. Nat. Sc. Philad., IX, p. 454, pl. XXI, fig. 1—13. — †Pleistocaen. America Sept., Kansas merid.

## Subfam. 3. **Felinae.**

### 455. †**Pseudaelurus,** Gerv., 1852; Filhol emend., 1876.

*Felis*, p., Blainv., Lart.; *Meganthereon*, Pomel, 1853.

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| 2047. †**quadridentatus,** Blainv., Ost. *Felis*, pl. XV et XVI; Gerv. Zool. et Pal. Fr., 1859; Filhol, Ann. Sc. Geol., 1891, p. 73, pl. IV; Depéret, Arch. Mus. Lyon, V, 1892, p. 20, pl. I; Hofmann, Abh. Geol. Reichs-Ans., XV, 1893, p. 37, pl. VI; Adams, Amer. Journ. Sc., 1896, p. 419 et seq. | †Miocaen. Europa centrali, Gallia, Germania. |
| *hyaenoïdes* et *pardus*, Lartet, C.-R. Ac. Sc. Paris, 1838; Pomel, Catal., 1853, p. 57. | » |
| 2048. †**transitorius,** Depéret, Arch. Mus. Lyon, V, 1892, p. 21, pl. I, fig. 5—6. | †Miocaen. Gallia merid. |

### 456. **Cynailurus,** Wagler, 1830.

*Guepardus*, Duvernoy; *Gueparda*, Gray, 1840; *Cynofelis*, Lesson, 1842; *Felis*, p., Auct. Vet.

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| 2049. **jubatus,** Erxleb., Sys. Regn. Anim., 1777, p. 510; Schreb., Säug., 1778, III. p. 392, pl. 103; Wagler, Syst. der Amph., 1830; Elliot, Monog. Felidae, 1883, pl. 43. | Asia meridionali, Turkestan Occid., Mesopotamia, Transcaspia, Syria, Persia, usque ad Indiam central. et Occ. (Southal Pergunnahs) Africa tota ab Algeria ad Colon. Cap. Bonae-Spei et ab Ægypto, Kilimandjaro, Usandawi ad Senegal et Angola. |
| *a.* — *guttatus*, Hermann, Observ. Zool., 1804, p. 38; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 70, fig. 39. | » |
| *venatica* et *Fearonis*, A. Smith. | |
| *Soemmeringii*, Rüppel. | |
| *megabalia*, Heuglin, Zeits. Ges. Erdkund. Berl., 1868, III, p. 53. | |
| *lanea*, Sclater, P. Z. S., 1877, p. 532, pl. 55; 1878, p. 655; 1884, p. 476. | |
| 2050. †**brachygnathus,** Lydekk., Mem. Geol. Surv. India, 1884, X, 2, p. 149, pl. XLIII, fig. 1, 2. | †Pliocaen. India. |

## 457. **Felis**, L., 1766.

### A. **Uncia**, Gray, 1867; Cope, emend., 1879.

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| 2051. | **leo**, L., Sys. Nat., 1766, I, p. 60; Elliot, Monog. Felidae, 1883, pl. I; Blanf., Mamm. Ind., 1888, p. 56. | Africa tota et Asia merid.-occid. usque ad Indiam (Guzerat, India centrali, Bundelcund), Persiam (Shiraz) et Mesopotamiam (Ms Zagros). |
| | *nobilis*, Gray, P. Z. S., 1867, p. 263. | |
| | *barbarus*, Gray, 1843; Fitzinger; Matschie, 1895. | |
| *a.* | — *goojratensis*, Smee, Trans. Zool. Soc., I, 1833, p. 165, pl. XXIV. | |
| | *persicus*, Swainson; Matschie, 1895. | » |
| *b.* | — Var. *senegalensis*, Fitzinger; Matschie, 1895. | Senegal. |
| | *Gambianus*, Gray. | » |
| *c.* | — Var. *somaliensis*, Noack, Jahrb. Hamb. Wiss. Anst., 1891, p. 48; Matschie, Säug. Ost-Afr., 1895, p. 66. | Somali. |
| *d.* | — Var. *capensis*, Fitzing.; Matschie, 1895. | Africa australi. |
| *e.* | — †*spelaea*, Goldf., Nov. Act. Ac. Caes. Leop., 1821, X, p. 489; Cuv., Oss. Foss., IV, pl. 32, 36. | †Pleistocaen. Europa. |
| | *Verneuillei* (Hyperfelis), Indes (juv.). | » |
| 2052. | †**atrox**, Leidy, Trans. Am. Phil. Soc., X, 1852, pl. 34. | †Pleistocaen. America sept. |
| | *leo foss.*, p., B. Dawkins, Brit. Pleist. Fel., in Pal. Soc., 1869, III. | » |
| 2053. | †**augusta**, Leidy, Contr. Ext. Vert. Faun., 1873, p. 227, pl. VII. | †Pleistocaen. America sept. |
| 2054. | †**imperialis**, Leidy, l. c., 1873, p. 228, pl. XXXI. | †Pleistocaen. California. |
| 2055. | †**Mercerii**, Cope, Proc. Ac. Nat. Sc. Philad., 1895, p. 448; 1896, p. 392. | †Pleistocaen. America sept. |
| | *[Crocuta] inexpectata*, Cope, Proc. Ac. Nat. Sc., l. c., p. 449. | » |
| 2056. | ?†**maxima**, Scott et Osb., Bull. Mus. Comp. Zool. Harv. Coll., XX, 1890, p. 70, fig. 4 (Machaerodus sp., fide Adams, Am. Journ. Sc., 1896, p. 436). | †Pliocaen. America sept. |
| 2057. | †**Hillianus**, Cope, Amer. Natur., 1892, p. 1029. | †Pliocaen. Texas. |

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| 2058. **tigris**, L., Syst. Nat., 1766, I, p. 61; Elliot, Monog. Felidae, 1883, pl. III; Büchner, Wiss. Res. Przewalski Reis., Säug., 1894, p. 217. | Asia a Monte Caucaso, Persia sept., Turkestan, Afghanistan, ad Lob-Nor, Chinam, Manchuriam et Reg. flum. Amour; India, Assam, Birma, Indo-China, Malacca, Sumatra, Java (nec Borneo, nec Ceylon). |
| *regalis*, Gray, 1843. | |
| *striatus*, Severtz., 1858. | |
| *a.* — Var. *mongolica*, Less., Tabl. Regn. An., 1842, p. 50. | |
| *longipilis*, Fitzing.; Matschie, 1895. | |
| Var. *amurensis*, Dode, P. Z. S., 1871, p. 480. | |
| *b.* — *sondaïcus*, Fitzing.; Matschie, 1895. | » |
| 2059. †**cristata**, Falc. et Cautl., As. Res., 1836, XIX, p. 135, Lydekk., Mem. Geol. Surv. Ind., X, 2, 1884, p. 143, pl. XL—XLIII; Brandt-Woldr., Diluv. Säug., 1887, p. 27. | †Pliocaen. Asia centrali (India). |
| *palaeotigris*, Falconer (in manuscr.). | » |
| *grandicristata*, Bose, Quart. Journ. Geol. Soc., 1880, p. 127. | » |
| 2060. †**subhimalayana**, Bronn; Lydekk., Mem. Geol. Surv. Ind., X, 1884, p. 153. | †Pliocaen. India. |
| 2061. †**Edwardsiana**, Bourg., Note compl. sur la Cav. de Vence, 1868, p. 7; Descr. Oss. Grand Felis, 1879, cum 12 pl.; Felidae foss., 1879, p. 17; Gerv., Zool. et Pal. Gén., I, 1867, p. 247. | †Pleistocaen. Gallia merid. (Alpes-Maritimes). |
| *a.* — ?*europaea*, Bourg., Felidae foss., 1879, p. 19. | †Pleistocaen. Belgia. |
| *spelaeus*, p., Schmerl., Rech. Oss. foss. Liège, 1834, II, p. 78, pl. 15, fig. 2—3. | » |
| 2062. **concolor**, L., Mantiss., 1771, p. 522; Elliot, Monog. Felidae, 1883, pl. 2; True, Report of the Nat. Mus. Washington (1889) 1891, p. 591, pl. XCIV; Matschie, S.-B. Ges. Naturf. Fr., 1892, p. 220; 1894, p. 58. | America sept. central. et merid., a Canada ad Mexico, etc. |
| *discolor*, Schreb., Säug., III, pl. 104b. | » |
| *a.* — *fulva*, Brisson; Fischer; Matschie, 1895. | Amazonia et America central., Brasil. |
| 2063. **puma**, Molina, Sagg. Stor. Nat. Chili, 1817, p. 245; Matschie, l. c., 1892, p. 220 et seq.; 1894, p. 58. | La Plata, Chili, Patagonia. |

2064. †**longifrons**, Burm., Anal. Mus. Publ. Buenos-Aires, 1866, I, p. 138; Descr. Phys. Rep. Arg., 1879, III, p. 132, pl. X; Amegh., Mam. Fos. Rep. Arg., 1889, p. 327. — † Pleistocaen. La Plata.

B. **Leopardus**, Gray, 1867.

2065. **onça**, L., Syst. Nat., 1766, I, p. 61; Elliot, Monog. Felidae, 1883, pl. 5; Alston, Biol. Centr.-Am., 1880, p. 58. — America merid. usque ad Montem Tandil (Patagonia).

*panthera*, Schreber (nec Erxleb.). — »

*polioparda*, Fitzing. (hybrid.). — »

*a*. — Var. *mexicana*, Hernandez, Thes. Rer. Med. Nov. Hisp., p. 498. — America centrali et sept. (Mexico), usque ad Rio Bravo et Red River (Louisiana).

*Hernandezi*, Gray, P. Z. S., 1857, p. 278, pl. XVIII.

*minor*, Matschie, 1895. — »

*b*. — †Var. *antiqua*, Amegh., Mam. Fos., Rep. Arg., 1889, p. 331. — † Pleistocaen. La Plata.

2066. †**platensis**, Amegh., Mam. Fos. Rep. Arg., 1889, p. 329. — † Pleistocaen. La Plata.

2067. †**palustris**, Amegh., Mam. Fos. Rep. Arg., 1889, p. 331. — † Pleistocaen. La Plata.

2068. †**pardinensis**, Croiz. et Job., Rech. sur les Oss. Foss., 1828, pl. IV, fig. 5, pl. V, fig. 4. — † Pliocaen. Gallia merid.

2069. †**pardoïdes**, Owen, Hist. Brit. foss. Mam., 1846, fig. 66. — † Pliocaen. Anglia.

2070. †**pardina**, Oken; Busk, Trans. Zool. Soc., X, 1877, pl. III, fig. 3. — † Pleistocaen. Hispania (Gibraltar).

2071. †**arvernensis**, Croiz. et Job., l. c., 1828, pl. V, fig. 3; Fabrini, Rendic. Acc. Lincei, 1892, p. 157. — † Pliocaen. Gallia merid. et Italia.

2072. **uncia**, Schreb., Säug., III, 1778, p. 386, pl. 100; Elliot, Monog. Felidae, 1883, pl. IV; Sclat., Cat. Mam. Ind. Mus. Calc., II, 1891, p. 217; Büchner, Wiss. Res. Przewalski Reis., Säug., 1894, p. 220. — Asia centrali a Turkestan ad Reg. flum. Amour (in montibus): Gansu, Sud-Tetung, Tetung-Gol, Juldus, Altyntag, M$^{s}$ Keria, Tjan-

*pardus*, Pall., Zoogr. Ross.-As., 1811, I, p. 17 (nec L.).

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| *irbis*, Ehrenb., Ann. Sc. Nat., XXI, 1830, p. 394; A. M.-Edw., Rech. sur les Mam., 1872. p. 213. | Schan, Nan-Schan (Mongolia), Thibet, China Occid. |
| *uncioïdes*, Hodgs., in Horsf., Ann. Nat. Hist., XVI, 1855, p. 105 (exclus. omnibus aliis synon.). | Himalaya (supra 2700 m. altit.) ? Persia sept. |
| 2073. **pardus**, L., Syst. Nat., 1766, I, p. 61; Elliot, Monog. Felidae, 1883, pl. 6 et 7; Büchner, Wiss. Res. Przewalski Reis., Säug., 1894, p. 221. | Asia et Africa totae, a Reg. Amour et ad Japon, Malasiam et Cap. Bonae-Spei. |
| *varia* et *chalybeata*, Schreb., l. c., pl. 101 B et C. | » |
| *a.* — Var. *antiquorum*, Griff., An. Kingd., V, 1827, p. 165. | India, Ceylon. |
| *b.* — Var. *variegata*, Wagn., Schreb., S. S., II, 1841, p. 483. | Indo-China, Sumatra, Java. |
| *perniger*, Hodgs., Cat., 1863, p. 3. | » |
| *melas*, Peron, Desm. Mam., 1820, p. 223. | » |
| *c.* — Var. *orientalis*, Schleg., Handl. Beoef. Dierkund., 1857, I, p. 23, pl. II, fig. 13. | Reg. Amour. |
| *japonensis*, Gray, P. Z. S., 1862, p. 262, pl. 33. | Japon. |
| *d.* — Var. *chinensis*, Gray, P. Z. S., 1867, p. 264 (nec Felis chinensis, Gray, 1837). | China merid. |
| *e.* — Var. *Fontanieri*, A. M.-Edw., Ann. Sc. Nat., VIII, 1867, p. 375; Rech. Mam., 1872, p. 208, pl. 29—31. | China sept., Corea. |
| *f.* — Var. *Tulliana*, Valenciennes, C.-R. Acad. Sc., 1856, XLII, p. 1035. | Asia minor, Syria, Persia. |
| *poecilura*, Val., l. c., 1856, p. 1036. | » |
| *g.* — Var. *Nimr*, Hempr. et Ehr., Symb. Phys., Dec. II, 1828, pl. 17; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 69. | Ægyptus, Abyssinia, Somali, Kilimandscharo, Ugogo. |
| *h.* — *panthera*, Pall., Zoog. Ross.-As., 1811, I, p. 18; Matschie, 1895. | Africa sept., Algeria, Tunisia, Marocco. |
| *i.* — Var. *minor*, Matschie, S.-B. Fr. Berl., 1895, p. 199. | Africa centrali, Sudan. |
| *k.* — Var. *leopardus*, Schreber, Säug., III, 1778, p. 387, pl. 101. | Africa Occident. Senegambia. |

†*k.* — *antiqua*, G. Cuv., Oss. Foss., IV, pl. 36; Gervais, Z. et P. fr., p. 67, pl. 13. — †Pleistocaen. Europa et Asia.

*prisca*, Schmerling; *Larteti*, *Filholianus*, *Laurillardi*, *brachystoma* et *presbyterus*, Bourg. — »

C. **Zibethailurus**, Severtz., 1858.

*Neofelis* et *Galeopardus*, Matschie, 1895; *Viverriceps* et *Catolynx*, p., Gray, 1867.

2074. **viverrina**, Bennet, P. Z. S., 1833, p. 68; Swinhoe, P. Z. S., 1870, p. 628; Elliot, Monogr. Felidae, 1883, pl. 22; Murray, Zool. Sind, p. 28; Blanf., Mam. Ind., 1888, p. 76; Lydekk., Carniv., 1895, I, p. 123, pl. XI. — India (rip. flum. Indus, Himalaya inf., Nipal Teraï, Bengal, Assam, Travancore, Malabar), Ceylon, Birma inf., Tenasserim, Formosa.

*viverriceps*, Hodgs., J. As. S. Beng., 1836, V, p. 232; Kelaart, Faun. Zeyl., p. 46. — »

*himalayana*, Jard., Nat. Libr., 1837, II, p. 230. — »

*celidogaster*, Gray, Cat. Hodgs. Coll., 1846, p. 6; Blyth, Cat., 1863, p. 61. — »

*Bennettii*, Gray, P. Z. S., 1867, p. 268. — »

2075. **marmorata**, Martin, P. Z. S., 1836, p. 107; Elliot, Mon. Felidae, 1883, pl. 9; Blanf., Mam. Ind., 1888, p. 74; Lydekk., Carniv., 1895, I, p. 117, pl. X. — M$^{s}$ Himalaya a Sikkim ad Assam, Birma, Malacca, Sumatra, Java, Borneo.

*Diardi*, p., Jard., Nat. Lib., 1837, II, p. 221 (nec Desmoul.).

*longicaudatus*, Blainv., Ost., Felis, 1840, p. 47. — »

*Chaltoni*, Gray, Ann. Nat. Hist., XVIII, 1846, p. 211; 1854, XIV, p. 394; P. Z. S., 1867, p. 268. — »

*Ogilbyi*, Hodgs., Calc. Journ. Nat. Hist., 1846, VIII, p. 44. — »

*dorsul*, Gray, Cat. Hodgs. Coll., 1863, p. 3. — »

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| 2076. **nebulosa**, Griffith, Descript. Vert., 1821, p. 37; An. Kingd., V, 1827, p. 164; Blanf., Mam. India, 1888, p. 72; Lydekk., Carniv., 1895, I, p. 113, pl. IX. | M$^{s}$ Himalaya a Nepal ad Sikkim, Assam, Montes Reg. Birma, Siam, Malacca, Sumatra, Java, Borneo, Formosa. |
| *Diardi*, Desmoul., Dict. Class. Hist. Nat., 1823, III, p. 495; Elliot, Mon. Felidae, 1883, pl. 8; Sternd., Mam. Ind., 1884, fig. p. 186. | » |
| *macroscelis*, Horsf., Zool. Journ., I, 1825, p. 542, pl. 21; Müll., Verhandl. Zoogd., p. 29; Swinhoe, P. Z. S., 1870, p. 228, 628; Gray, P. Z. S., 1867, p. 266, fig. (cran.) (Neofelis). | » |
| *macrosceloides*, Hodgs., Calc. J. Nat. Hist., IV, 1844, p. 286; Gray, 1854 (Uncia). | » |
| *brachyurus*, Swinh., P. Z. S., 1862, p. 352 (Leopardus); Blyth, 1863; Gray, 1867. | » |
| 2077. **serval**, Schreb., Säug., III, 1777, p. 407; Elliot, Mon. Felidae, 1883, pl. 26; Matschie, Saug. Deuts. Ost-Afr., 1895, p. 68, fig. 38. | Africa tota ab Algeria ad Cap. Bonae-Spei: Africa sept. et Orient., (Var. typica). |
| *servalina*, Ogilby, P. Z. S., 1839, p. 94. | |
| *a.* — *galeopardus* Desm., Mam., 1820, p. 227; »Serval«, Is. Cuv., Mam. pl. 125; Matschie, S.-B. Ges. Nat. Fr. Berl., 1893, p. 110. | Africa Occid., Senegal, Sierra-Leone, Angola. |
| *senegalensis*, Less., Mag. Zool., X, 1839, pl. 10; Matschie, 1895. | » |
| *b.* — *togoensis*, Matschie, S.-B. Ges. Nat. Fr. Berl., 1893, p. 109. | Togo (Afric. Occid.), Bismarckburg. |
| *c.* — *capensis*, Gmel., Syst. Nat., 1788, p. 81; Matschie, l. c., 1893, p. 110. | Africa austral. |
| *d.* — † *engiholensis*, Schmerl., Rech. Oss. Foss., 1834, p. 88, 94, pl. 18; Bourg., Felidae foss., 1879, p. 39. | † Pleistocaen. Belgia. |
| *serval fossilis*, Gervais. | » |
| *e.* — † *servaloïdes*, Gerv., Zool. et Pal. Fr., 1859, p. 228; Zool. et Pal. Gen., 1867, I, p. 38, fig. 2 et p. 103; Bourg., loc. cit., 1879, p. 39. | † Pleistocaen. Gallia merid. |
| 2078. † **Christolii**, Gerv., Zool. et Pal. Franç., 1859, p. 228, pl. 8. | † Pliocaen. Gallia merid. |

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| 2079. **pardalis**, L., Syst. Nat., 1766, I, p. 62; Schreb., Säug., III, p. 390, pl. 103; Elliot, Mon. Felidae, 1883, pl. 18; Alston, Biol. Centr.-Am., Mam., 1882, p. 60; Lydekk., Carn. I, p. 139, pl. 15, 16. | America sept. central. et merid., ab Arkansas, Louisiana, Texas, Mexico, Guatemala, Costa-Rica, Panama, ad Brasil, Paraguay et Patagoniam (in Orient. lat. Andium). |
| *ocelot*, Griff., An. Kingd., 1827, V, p. 169. | |
| *catenata*, Griff., l. c., 1827, p. 169. | |
| *canescens*, Sw., Anim. Menag., 1838, p. 118. | » |
| *griseus* et *pictus*, Gray, 1843. | » |
| *melanura*, Ball, P. Z. S., 1844, p. 128. | » |
| *albescens*, Puch., Voy. Venus, Zool., 1855, p. 137, pl. VIII. | » |
| *picta*, Severtz., Rev. Zool., 1858, p. 194. | » |
| *pardoides*, Gray, P. Z. S., 1867, p. 403. | » |

D. **Oncoïdes**, Severtzow, 1858.

*Felis*, Matschie, 1895.

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| 2080. **microtis**, A. M.-Edw., Rech. Mam. (Avril 1871), p. 221, pl. XXXI a. | China sept., (Pekin, Mongolia). |
| *decolorata*, A. M.-Edw., l. c., pl. XXXI b, fig. 1. | » |
| ?*undata*, Radde (nec Desm.), Reis. Ost.-Sib., Säug., 1862, p. 106. | ?Siberia Orient. |
| 2081. **shawiana**, Blanf., Journ. As. Soc. Beng., 1876, XLV, 2, p. 49; Yark. Miss. Mam., 1879, p. 17, pl. I b, I c; Elliot, Mon. Felidae, 1883, pl. 35; Büchner, Wiss. Res. Przewalski, Reis., Säug., 1894, p. 227. | Asia centrali. Turkestan Orient. (Yarkand, Kashgar), Lob-nor, M$^{s}$ Chotandarga. |
| 2082. **tristis**, A. M.-Edw., Rech. sur les Mamm., 1871, p. 223, pl. 31 d; Congrès Intern. de Zool. de Moscou, II, 1893, p. 256 (nota 3). | Thibet merid. (Tengri-Nor, Batang), China Occid., Se-Tchuan. |
| 2083. **scripta**, A. M.-Edw., Nouv. Arch. Mus., 1871, VII, Bull., p. 92; Rech. Mamm., 1871, p. 341, pl. 57, 58, fig. 1; Elliot, Monog. Felidae, 1883, pl. 24; Büchner, Bull. Ac. S$^{t}$ Petersb., II, 1890, p. 101; Wiss. Res. Przewalsky Reis., 1894, p. 223. | China, M$^{s}$ Moupin, Se-Tchuan, Gansu (M$^{s}$ Sud-Tettung). |

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| 2084. **bengalensis**, Kerr., Linn. An. Kingd., 1792, p. 151; Raffles, Linn. Trans., XIII, p. 249; Elliot, Mon. Felidae, 1883, pl. 17; Blanf., P. Z. S., 1887, p. 627; Mam. Ind., 1888, p. 78; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 223; Lydekk., Carniv., I, 1895, p. 125, pl. 12, 13. | India, a M$^{tibus}$ Himalaya ad Cap. Comorin (nec Ceylon), Assam, Birma, Siam, Malacca; China Merid., Formosa, China sept. usque ad Reg. Amour (Siberia Orient.). |
| *nipalensis*, Vig. et Horsf., Zool. Journ., IV, 1829, p. 382. | |
| *chinensis*, Gray, Charlesw. Mag. Nat. Hist., I, 1837, p. 577; Swinh., P. Z. S., 1870, p. 629; A. M.-Edw., Rech. Mam., pl. 31 b, p. 216. | » |
| *undata*, Radde, Ost-Sib., 1862, p. 106 (nec Desm.). | » |
| *Ellioti* et *Horsfieldii*, Gray, Ann. N. H., 1842, p. 260. | » |
| *servalinus*, Gray (Chaus), 1843, 1867. | » |
| *Reevesi*, Gray (Leopardus), 1843. | » |
| *Herschellii*, Gray, Cat. Carn., 1869, p. 28. | » |
| *a*. — Var. *pardochoa*, Hodgs., Calc. J. Nat. Hist., IV, 1844, p. 286. | Nepal. |
| *b*. — Var. *wagati*, Elliot, Madras Journ., X, 1839, p. 108; Gray, P. Z. S., 1867, p. 400; Matschie, 1895. | Birma. |
| *c*. — Var. *tenasserimensis*, Gray, P. Z. S., 1867, p. 400. | Tenasserim. |
| *d*. — *minuta*, Temm., Monog. Mam., 1827, I, p. 130; Mull., Verhandl. Zoogd., p. 29; Gunth., P. Z. S., 1879, p. 75; Jentink, Notes Leyd. Mus., V, p. 177. | Malacca, Ins. Philippinas. |
| *e*. — *sumatrana*, Horsf., Zool. Res., pl., 1824. | Sumatra. |
| *f*. — *javanensis*, Desm., 1820; Horsf., 1824; Elliot, Mon. Felidae, 1883, pl. 28. | Java. |
| *Jerdoni*, Blyth, P. Z. S., 1863, p. 185. | » |
| *g*. — *undata*, Desm., Mam., 1820, p. 230; Lesson, Man. Mamm., 1827, p. 188; Matschie, 1895. | Borneo |

2085. **rubiginosa**, Is. Geoff., Voy. Belang., 1834, p. 140, pl. VI; Kelaart, Faun. Zeyl., p. 47; Elliot, Mon. Felidae, 1883, pl. 28; Blanf., P. Z. S., 1887, p. 629; Mam. Ind., 1888, p. 81; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 225. — India merid. (in montibus, Madras Bangalore), Ceylon; ? India centrali (Seonee).

2086. **ornata**, Gray, Ill. Ind. Zool., I, 1830, pl. II; Elliot, Mon. Felidae, 1883, pl. 31; Murray, Zool. Sind, p. 29; Thomas, P. Z. S., 1886, p. 55; Blanf., Mam. Ind., 1888, p. 84; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 226. — Asia Occident.; India sept.-occid., a Banda, Agra, Sambhar ad Sind et Persia orient.

*servalina*, p., Jard., Nat. Libr., II, 1837, p. 232, pl. XXV (nec Ogilby, nec Puch.). — »

*pulchellus*, Gray (Chaus), 1843. — »

*torquata*, Blyth, P. Z. S., 1863, p. 185 (nec Cuv.). — »

2087. **tigrina**, Erxleb., Sys. Nat., 1777, p. 517; Schreb., Säug. III; Elliot, P. Z. S., 1877, p. 704; Mon. Felidae, 1883, pl. 19; Alston, Biol. Centr.-Am., 1880, p. 61; Mivart, The Cat, 1881, p. 409. — America Centrali et Merid., a Mexico ad Paraguay: Honduras, Costa-Rica, Panama, Brasil, etc.

*margay*, Azara, Nat. Hist. Quadr. Parag., 1838, p. 237. — »

*tigrinoides*, Gray, List Mam. B. Mus., 1843. — »

*a*. — *guttula*, Hensel, Abh. Ak. Berl., 1872, p. 73; Mivart, The Cat, l. c., p. 410 (nec Hermann). — Brasil merid., Rio Grande do Sul.

2088. **macrura**, Wied, Beit. Naturg. Bras., 1826, II, p. 371; Matschie, S.-B. Ges. Naturf. Berl., 1895, p. 197. — Brasil sept. Amazonia.

*tigrina*, p., Auct. — »

*a*. — *pardinoides*, Gray, P. Z. S., 1867, p. 400; Mivart, The Cat., 1881, p. 411; Lydekk., Carniv., I, 1895, p. 150 (= macrura, Wied, fide Matschie). — Colombia (Nova-Grenada, Bogota).

2089. **mitis**, F. Cuv., Mamm., 1820, pl. 137; Matschie, S.-B. Ges. Naturf. Fr. Berlin, 1894, p. 59. — La Plata (Respubl. Argentina), Chili.

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| | *chati*, H. Smith, Griff. An. Kingd., V, 1827, p. 479. | La Plata (Respubl. Argentina), Chili. |
| | *tigrina*, p., Auct. et Lydekk., Carniv., I, 1895, p. 144, pl. 17. | |
| 2090. | **Geoffroyi,** d'Orbigny; Gervais, Bull. Soc. Philom., 1844, p. 40; Mag. Zool., 1844, pl. 58; Voy. Am. Merid., IV, 1847, p. 21, pl. 13, 14; Burm., Desc. Phys. Rep. Arg., 1879, p. 124; Elliot, Mon. Felidae, pl. 20; Matschie, S.-B. Ges. Nat. Fr. Berl., 1894, p. 59; A. M.-Edw., Miss. Cap. Horn, VI, 1890, p. 3. | America merid., a Brasil merid., Paraguay, Uruguay, La Plata (Tucuman, Bahia Blanca, Sierra de la Ventana, Pampa Argentina), ad Patagoniam (Rio Santa Cruz) et Chili. |
| | *Warwickii*, Gray, P. Z. S., 1867, p. 267; Sclater, P. Z. S., 1870, p. 706; 1872, p. 203. | |
| | *himalayanus*, Warw., Jard., Nat. Libr., pl. 24. | » |
| 2091. | **guigna,** Molina, Stagg. Stor. Nat. Chili, I, 1782, p. 295; »mbacaraya«, Azara, Apunt., I, p. 147; Mivart, The Cat, 1881, p. 410; Matschie, 1895. | Chili, Patagonia. |

E. **Felis,** prop. dict.

*Catus*, Matschie, 1895; *Chaus*, Gray, 1869.

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| 2092. | **catus,** L., Sys. Nat., 1766, I, p. 62; Schreb., Säug., III, p. 397, pl. 107 a; Blasius, Faun. Deuts., 1857, p. 162, fig. 101—103; Elliot, Mon. Felidae, 1883, pl. 30. | Europa et Asia Occid. ab Ins. Britann. Gallia, Germania, etc., ad Turkestan. |
| | *sylvestris*, Briss., Reg. An., p. 265; Schreb., Säug., III. | » |
| *a.* | — Var. *morea*, Reich.; Matschie, 1895. | Europa merid., Graecia, Asia minor. |
| *b.* | — †*ferus* et *catus*, Bourg., Felidae foss., 1879, p. 42 et 44. | †Pleistocaen. Europa. |
| *c.* | — †*minuta*, Schmerl., Oss. Foss. Liège, 1834, II, p. 92, 94, pl. 18 (nec Temm.). | » |
| 2093. | †**pygmaea**, Lartet; Gerv., Zool. et Pal. franç., 1859, p. 229; Schloss., Beitr. Pal. Oest.-Ung., 1889, p. 56. | †Miocaen. Gallia. |
| | ?*minuta*, Pomel, Cat. Meth., 1854, p. 53 (nec Temm.). | » |

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| 2094. | † **media,** Lartet; Gerv., Zool. Pal. fr., 1859, p. 229; Schloss., l. c., 1889, p. 56. | † Miocaen. Gallia. |
| 2095. | † **turnauënsis,** Hoernes, Jahrb. Geol. Reichs-Ans., 1882, p. 154, pl. III; Hofmann, Abh. Geol. Reichs., XV, 1893, p. 39, pl. III. | † Miocaen. Styria. |
| 2096. | † **sp.,** Hoern., l. c., 1882, p. 155. | † Miocaen. Styria. |
| 2097. | † **attica,** Wagner, Abh. Baier. Akad. Wiss., 1857, VIII, pl. I, fig. 4; Gaudry, Anim. Attiq., 1862, p. 120, pl. XVII. | † Miocaen. Graecia (Pikermi). |
| 2098. | † **neas,** Fors.-Major, C.-R. Acad. Sc., 1891, CXIII, p. 608. | † Miocaen. Graecia (Samos). |
| 2099. | **manul,** Pall., Reise, III, 1776, p. 692; Zoog. Ross.-Asiat., 1811, p. 20, pl. 7; Elliot, Mon. Felidae, 1883, pl. 10; Blanf., Mam. Ind., 1888, p. 83; Buchn., W. Res. Przewalski Reis., 1894, p. 232 (nota). | Asia Centrali, a Reg. Amour, China sept., Thibet, Mongolia, Vall. Tarini, Lob-Nor, Ladak, usque ad Reg. Transcaspiam. |
| | *nigripectus*, Hodgs., Journ. As. Soc. Beng., XI, 1842, p. 276. | |
| | † *manul foss.*, Nehring, S.-B. Ges. Naturf. Fr. Berl., 1889, p. 109. | † Pleistocaen. Europa Centrali (in »Steppes« Germaniae). |
| 2100. | **megalotis,** Müll., Verh. Naturl. Gesch. Nederl. Overz. Bezitt., Zool., 1839—44, p. 54; Gray, P. Z. S., 1867, p. 275; Jentink, Notes Leyd. Mus., XIII, 1891, p. 219. | I. Timor. |
| 2101. | **planiceps,** Vig. et Horsf., Zool. Journ., III, 1828, p. 450, pl. 22; Müll., Verh. Zoogd., p. 29; Elliot, Mon. Felidae, 1883, pl. 17; Hose, Mam. Borneo, 1893, p. 20. | Malacca (? et Tenasserim), Sumatra, Borneo (Sarawak, M$^{s}$ Dulit ad 700 m. altit.). |
| | *G. Ailurina*, Gerv., Hist. Nat. Mam., II, 1855, p. 87. | |
| | *G. Ailurogale*, Fitz., S.-B. Akad. Berl., 1869, p. 249. | » |
| 2102. | **euptilura,** Elliot, P. Z. S., déc., 1871, p. 760; Monog. Felidae, 1883, pl. 26; Mivart, The Cat, 1881, p. 416. | China merid. Canton, Shangaï. |
| 2103. | **pallida,** Büchn., Bull. Acad. S$^{t}$ Petersb., 1892, III, p. 341; Wiss. Res. Przewalski Reis., 1894, p. 228, pl. XXVII. | Asia centrali, Gansu, M$^{s}$ Sud-Tetung. |

2104. **caudata**, Gray, P. Z. S., 1874, p. 31, pl. VI et VII; Elliot, Monog. Felidae, 1883, pl. 34; Scully, Journ. As. Soc. Beng., LVI, 2, 1887, p. 69; Radde et Walt., Zool. Jahrb., IV, 1889, p. 1014; Büchner, Wiss. Res. Przewalski Reis., 1894, p. 224. — Asia Occid. et Central., Reg. Transcaspia, Afghanistan (ad fl. Tarim), Lob-nor (Tscharchalyk).

*servalina*, p., Brandt, Bull. Scient. Ac. St Petersb., IX, 1841, p. 34; Eversmann, 1850; Severtzoff, Ann. Nat. Hist., XVIII, 1876, p. 49 (nec Ogilby, nec Puch.). — »

2105. **Bieti**, A. M.-Edw., Congrès Intern. de Zool. de Moscou, II, 1893, p. 256 (nota 2). — Thibet, (Batang, Tatsien-lou).

2106. **chaus**, Guldenst., Nov. Comm. Acad. Petrop., XX, 1770, p. 483; Sykes, P. Z. S., 1831, p. 102; Blanf., East. Persia, p. 36; Alston, P. Z. S., 1880, p. 52; Elliot, Mon. Felidae, 1883, pl. 32; Thomas, P. Z. S., 1886, p. 35; Blanf. Mam. Ind., 1888, p. 86; Radde, Zool. Jahrb., IV, p. 1015. — Asia Occident. ab Palaestina, Asia minori, Transcaspia, Persia Occ. et Merid., ad Afghanistan. Candahar.

*catolynx*, Pall., Zoog. Ross.-As., I, 1811, p. 23. — »

† *chaus foss.*, Nehring, S.-B. Ges. Nat. Fr., 1889, p. 109. — † Pleistocaen. Germania.

2107. **erythrotis**, Hodgs., J. As. Soc. Beng., V, 1836, p. 233 (Lyncus); Matschie, 1895. — India ab Himalaya et Sind, ad Cap. Comorin, Ceylon, et ad Assam, Birma, Indochina.

? *kutas*, Pearson, J. A. S. B., I, 1832, p. 75.

*affinis*, Gray, Ill. Ind. Zool., I, 1832, pl. 3.

*inconspicua*, Gray, Mag. Nat. Hist., I, 1837, p. 577. — »

*Jacquemonti*, Is. Geoff., Voy. Jacq., 1844, p. 58, pl. 2 et 3. — »

2108. **Rüppellii**, Brandt, Bull. Soc. Nat. Moscou, 1852, IV, p. 209; Heugl. et Fitz., S.-B. Ak. Wien, 1867, p. 557; Matschie, 1895. — Africa Orient. Septent.: Ægyptus, Nubia, Abyssinia.

*chaus*, p., Cretzs., Ruppel. Atlas, pl. 4; Elliot et Auct. — »

*bubalis*, Hempr. et Ehr., Symb. Phys. Dec. II. — »

*pulchella*, Gray, Mag. Nat. Hist., 1837, I, p. 577. — »

2109. **caligata,** Bruce, Travels, 1822, II, pl. 30; Temm., Mon. Mam., V, 1827, p. 123; F. Cuv., Mam. »Chat botté«, pl. 128, 132; Heugl. Fauna Roth-Meer., p. 14; Fitz., S.-B. Ak. Wien, 1867, p. 558; Matschie, Saug. Deuts. Ost.-Afr., 1895, p. 68, fig. 37. — Africa septent. a Marocco, Algeria, Tunisia, ad Ægyptum, Reg. Somali, Abyssinia, Kilimandjaro, Tabora, Gonda, Usandawi.

*obscura,* Desm., Mam., 1820, p. 250.

*libycus,* Oliv., Vog. Egypt., II, 1801, p. 41; Is. Geoff., 1842; Levaill., Expl. Alger., 1867, pl. III; Lataste, Act. Soc. Linn. Bordeaux, XXXIX, 1885, p. 104 (sep.); Expl. Scient. Tunisie, Mam., 1887, p. 16. — »

*a.* — Var. *Sarda,* Lataste, l. c., 1885, p. 230 (nota 2). — Europa merid., I. Sardinia.

† *cal. foss.,* Busk., Trans. Zool. Soc., 1877, X, pl. III. — † Pleistoc. Europa merid. et centrali, Hispania (Gibraltar), Belgia.

*caffra foss.,* Lydekk., 1885; *catus magna,* Schmerl.; *ferus,* Serres, 1838.

*b.* — *Margaritae,* Loche, Rev. Zool., 1858, p. 49, pl. I; Expl. Alg., 1867, sp. 19. — Sahara alger.

2110. **nigripes,** Burchell, Travels, 1822, II, p. 592; Schinz, Syn. Mam., 1844, I, p. 468; Matschie, S.-B. Ges. Naturf. Fr. Berl., 1894, p. 258. — Africa merid., (Batlaping).

2111. **caffra,** Desm., Mam. Suppl., 1822, p. 540; Elliot, Monog. Felidae, 1883, pl. 31; Blainv., Osteog. Felis, pl. 6; B. du Bocage, Jorn. Sc. Lisboa, 1889, p. 175 (excl. synon.); Matschie, 1895. — Africa australi. Cafreria, Angola, Congo, Mozambica, Uganda.

? *chrysothrix,* Johnston (nec Temm.), fide B. du Bocage. — »

2112. **maniculata,** Cretz., Rüpp. Atlas, 1826, pl. I; Gray, P. Z. S., 1867, p. 274; Heugl. et Fitz., S.-B. Ak. Wien, 1867, p. 558; Matschie, 1895 (et Var. *domestica,* Fitz.). — Nubia. Kordofan, Dongola, Soudan Orient.; Syria?

*Rüppellii,* Schinz, Cuv. Thierr., IV, 509 (nec Brandt). — »

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| 2113. **domestica.** Briss., Quadrup., p. 191: Regn. Anim., 1756, p. 264; Mivart, The Cat, 1881; Elliot, Monog. Felidae, 1883, pl. 42; W. Sclater, Cat. Mam. Ind. Mus. Calc., II, 1891, p. 233; Lydekk., Carniv., I, 1895, p. 156—170 (pro memoria). | Orbis incola: (plurimi feri progenitores). |
| Varietates numerosae ex omnibus regionibus: *maniculata*, p., Fitz., 1869; *ruber*, Gm.; *capensis*, Zimm.; *tralatitia*, Fisch.; *hispanicus*, Erxleb.; *indica*, Reich.; *japonensis*, Bodd.; *brevicaudata*, Reich.; *striatus*, Bechst.; *coerulea*, Erxleb.; *angorensis*, Briss.; *sinensis*, Fisch.; *bubastis*, Ehremb.; *Bouvieri*, A. M.-Edw., etc. | » |
| *a.* — *torquata*, F. Cuv., Mam., 1826, pl. 126; Blanf., Mam. Ind., 1888, p. 85; True, Proc. U. S. Nat. Mus., 1894, p. 3. | India, Kashmir. |
| *Huttoni*, Blyth, J. A. S. B., XV, 1845, p. 69. | » |
| 2114. **pajeros**, Desm., Mam., 1820, p. 231; Elliot, Monog. Felidae, 1883, pl. 11; Waterh., Zool. Beagle, I, p. 18, pl. 9; Gerv., Zool. Bonite, I, p. 34, pl. 7; Burm., Descr. Phys. Rep. Arg., 1879, III, p. 128; Mivart, The Cat, p. 423; Matschie, S.-B. Ges. Nat. Fr. Berl., 1894, p. 60. | America merid. in orient. later. Andium: Uruguay, La Plata (Pampas, Bahia Blanca, Sierra de la Ventana), Patagonia, Magellan. |
| *pampanus*, Gray, P. Z. S., 1867, p. 269. | » |
| *passerum*, Sclat., List. Vert. Anim., 1872, p. 40; Aplin, P. Z. S., 1894, p. 298. | » |
| 2115. **colocolo**, H. Smith, Griff. An. Kingd., II, 1827, p. 479; F. Cuv. Mam. pl. 142; Elliot, Mon. Felidae, 1883, pl. 12; Mivart, The Cat, p. 413; Matschie, S.-B. Ges. Nat. Fr. Berl., 1894, p. 60. | America merid. a Guiana, Bolivia (in montibus), ad Chili (Potosi). |
| *strigilata*, Wagn., S. S. Suppl., II, 1841, p. 546. | » |
| *jacobita*, Cornalia, Mem. Soc. Ital. Sc. Nat., 1865, 1, pl. 1. | » |

F. **Catopuma**, Severtz., 1858.

*Feles unicolores*, Matschie, 1895.

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| 2116. **Temminckii**, Vig. et Horsf., Zool. Journ., III, 1828, p. 451, pl. 22; Elliot, Mon. Felidae, 1883, pl. 15; Blanf., Mam. Ind., | M$^{s}$ Himalaya (Nipal, Sikkim, Tipperah Hills, Birma). |

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| 1888, p. 75; Hose, Mam. Borneo, 1893, p. 19; Sclat., Cat. Mam. Ind. Mus. Calc., II, 1891, p. 222. | Malacca, ? Sumatra, Borneo. |
| *moormensis*, Hodgs., Glean. Sc., III, 1831, p. 177. | » |
| *aurata*, Blyth, P. Z. S., 1862, p. 185 (nec Temm.). | » |
| *nigrescens*, Gray, Cat. Hodgs. Coll., 1863, p. 4. | » |
| 2117. **badia**, Gray, P. Z. S., 1874, p. 322, pl. 49; Mivart, The Cat, 1881, p. 419; Elliot, Mon. Felidae, 1883, pl. 14; Hose, Mam. Borneo, 1893, p. 20. | Borneo (Sarawak, Suai River). |
| 2118. **celidogaster**, Temm., Mon. Mam. I, 1827, p. 140; Esq. Côte de Guinée, p. 87; Mivart, The Cat, 1881, p. 406, 407; Matschie, M.-T. Deuts. Schutz., 1893, VI, p. 10. | Africa Occid., Guinea super., (Côte d'Or), Sierra-Leone, Gambia. |
| *neglecta*, Gray, Ann. Nat. Hist., 1838, I, p. 27; Mivart, l. c., p. 407. | » |
| 2119. **chrysothrix**, Temm., Mon. Mam. I, 1827, p. 251; Elliot, Monog. Felidae, 1883, pl. 24; Mivart, The Cat, p. 406; Matschie, M.-T. Deuts. Schutz., VI, 1893, p. 10; S.-B. Ges. Fr. Berl., 1895, p. 196. | Africa Occid. merid. et Central.: Guinea infer., Congo, Caconda, Angola, Togo, Uganda. |
| *aurata*, Temm. (anteà, l. c., p. 120), nec Blyth. | » |
| *rutila*, Waterh., P. Z. S., 1842, p. 130. | » |
| *a*. — *servalina*, Ogilby (nec Gray), P. Z. S., 1839, p. 94; Puch. (fide Matschie); B. du Bocage, Jorn. Sc. Lisb., 1889, III, p. 176; Mivart, The Cat, 1881, p. 407; Matschie, S.-B. Ges. Nat. Fr. Berl., 1895, p. 4. | » |
| 2120. **jaguarundi**, Fisch., Zoogn., 1814, p. 228; Desm., Mam., 1820, p. 230; Wagn., Schreb. S. S., II, 1841, p. 41, pl. 103 B; Elliot, Mon. Felidae, 1883, pl. 12; Alston, Biol. Centr.-Am., 1880, p. 63. | America Central. et Merid., a Mexico sept.-or. ad Paraguay: Guatemala, Costa-Rica, Panama, Guiana, Brasil, Gran-Chaco. |
| *mexicana*, Desm., Nouv. Dict., VI, 1816, p. 112. | |
| *unicolor*, Traill., Mem. Wern. Soc., III, 1819, p. 170. | » |

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| *Darwini*, Martin, P. Z. S., 1837, p. 3. | America Central. et Merid., a Mexico etc. |
| *calomitli*, Baird. N.-Am. Mam., 1859, pl. 74. | |
| 2121. **braccata**, Cope. Am. Natur., XXIII, 1889, p. 144. | Brasil merid. (Rio Grande do Sul vel Matto-Grosso). |
| 2122. **eyra**, Fisch., Zoogn., 1814, p. 228; Elliot, Mon. Felidae, pl. 13; Mivart, The Cat, p. 412; Alston, Biol. Cent.-Am., 1880, p. 64. | America centrali et merid., a Texas Mexico (Rio del Norte), Costa-Rica, ad Guianam. Brasil. Paraguay. |
| *unicolor*, Baird, (nec Traill.), Mam. N.-Am., 1859, pl. 74. | |

G. **Lynchus**, Gray, 1825.

1892. **Matschie**, S.-B. Ges. Nat. Fr. Berlin, 1892, p. 113.

*Caracal* et *Lynchus*, Gray, 1867.

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| 2123. **caracal**, Güldenst., Nov. Comm. Acad. Petrop., XX, 1766, p. 500; Blyth, P. Z. S., 1863, p. 186; Blanf., East. Persia, p. 37; Alston, P. Z. S., 1877, p. 273; Elliot, Mon. Felidae, 1883, pl. 40; Blanf., Mam. Ind., 1888, p. 88; Radde, Zool. Jahrb., IV, p. 1016. | Asia Occid., Transcaspia, Persia, Mesopotamia, Arabia, Syria, Palaestina (Taurus). |
| *melanotis*, Gray, List Mam., 1843, p. 46; Cat. Carn., 1869, p. 38. | » |
| *a.* — Var. *bengalensis*, Matschie, S.-B. Ges. Nat. Fr. Berl., 1895, p. 194. | India Occid. Punjab, Sind, Cutch, Nipal Teraï, Chutia, Nagpur. |
| 2124. † **brevirostris**, Croiz. et Job., Rech. Oss. Foss. Puy-de-Dôme, 1828, p. 200, pl. III—V; Kittl, Ann. Hofmus. Wien, 1887, p. 331, pl. XIV; Depéret, Mém. Soc. Géol. fr., Pal., I, 1890, p. 21, pl. II et X; Fabrini, Rend. Acc. Lincei, 1892, p. 257. | † Pliocaen. Gallia merid. et Italia. |
| *issiodorensis*, Croiz. et Jobert; *Perrieri*, Croiz. | » |
| *leptorhyncha*, Gerv., Zool. et Pal. fr.; 1848, pl. 27, fig. 3. | » |

2125. **berberorum,** Matschie, S.-B. Ges. Naturf. Freund. Berlin, 1892, p. 114. — Africa Septent., Algeria, Tunisia, Ægyptus.

*caracal,* p., Auct. Vet.; Levaill., Expl. Algérie, Mam., pl. I; Lataste, Act. Soc. Linn. Bord., 1885, p. 103 (separ.); Expl. Tunisie, 1887, p. 15.

? *melanotis,* Fitz. et Heuglin, S.-B. Akad. Wien, 1867, p. 557 (nec Gray). — ? Kordofan, Nubia, Sennaar, Abyssinia.

2126. **nubica,** Fitzing., Sitzb. Akad. Wien, 1869, p. 33; Matschie, S.-B. Ges. Naturf. Berlin, 1892, p. 114; Säug. Deuts. Ost-Afr., 1895, p. 67, fig. 36. — Africa tropical. et merid. (Transsahara), Sudan a Reg. Somali et Kilimandjaro ad Senegal et ad Cap. Bonae-Spei.

*caracal,* p., Auct. Vet.

2127. **lynx,** L., Syst. Nat., 1766, I, p. 62; Schreb., Säug., III, p. 408, pl. 109; Radde, Ost-Siber., p. 89; Schrenck, Amurland, Säug., p. 87; Blas., Faun. Deuts. Säug., 1857, p. 173, fig. (cran.); Alston, P. Z. S., 1877, p. 272; 1880, p. 52; Blanf., Yark. Miss., Mam., p. 19; Elliot, Mon. Felidae, 1883, pl. 38; Blanf., Mam. Ind., 1888, p. 89. — Europa et Asia Septent. a Scandinavia ad Reg. Amour et Ins. Sachalin: Europa media (in montibus), Gallia (Alpes, Pyren.), Helvetia, Italia, Ungria, ? Caucasus, ? Asia minor.

*lupulina* et *vulpinus,* Thunb., 1825. — »

*virgata,* Nilss., Ill. Fig., 1829, pl. 3 et 4. — »

*borealis,* Keys. et Blas., Wirb. Europ., 1840, p. 63. — »

*vulgaris* et *borealis,* Gray, 1846 et 1867. — »

*cervaria,* p., Temm., Oken et Auct. — »

† *lyncoides,* Pomel, Cat. Méth., 1854, p. 52, 139. — † Pleistocaen. Europa (Gallia central. et merid., Anglia, Germania).

*lynx foss.,* Gerv., Zool. et Pal. Fr., 1859, p. 22; Dawkins, Brit. Pleist. Felidae, in Pal. Soc., 1869, p. 172, pl. 23; Nehring, Uebersicht, 1880; Brandt-Woldrich, Diluv. Saug., 1887, p. 32.

*minuta* et *lycina,* R. Wagner. — »

*a.* — *cervaria,* Temm., Mon. Mam., I, 1827, p. 106; Elliot, Mon. Felidae, 1883, pl. 36; Satunin, Zool. Jahrb., 1896, p. 290. — M$^s$ Oural merid., M$^s$ Caucasus, Persia sept., (in montibus).

*lynx,* p., Pall. Zoogr., p. 28.

2128. **isabellina,** Blyth, Journ. As. Soc. Beng., XVI, 1847, p. 1178; P. Z. S., 1863, p. 186; Kinloch, Large Game Schooting, I, p. 18, pl.; Gray, P. Z. S., 1867, p. 276; Matschie, 1895. — Asia Centrali, Mongolia, Thibet. Turkestan.

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| *lynx*, p., Severtzoff, Rev. Zool., 1858, p. 385; Büchner, Wiss. Res. Przewalski Reis., 1894, p. 231. | Gansu, Tarim, Lob-nor. |
| *tibetanus*, Hodgs., Cat., 1863, p. 4. | » |
| 2129. **canadensis**, Desm., Mam., 1820, p. 224; Rafin., Amer. Monthl. Mag., II, 1817, p. 46; Elliot, Mon. Felidae, 1883, pl. 37; True, Proc. Mus. Nat. Hist., 1887. | America boreali ab Hudson Bay, Alaska, ad Pensylvaniam, Californiam. |
| *borealis*, Temm., Mon. Mamm., 1827, p. 109; Dekay, New York Zool., 1842, p. 5 (nec Keys. et Blas.). | » |
| 2130. **rufa**, Guldenst., Nov. Comm. Acad. Petrop., XX, 1776, p. 499; Schreb., Säug., III, p. 412, pl. 109B; F. Cuv., Mam., pl. 140; Elliot, Mon. Felidae, 1883, pl. 40; Rafin., Amer. Month. Mag., II, 1817, p. 46. | America Sept., ab United-States ad Mexico (Matamoras. Guanajuato). |
| *carolinensis*, Desm., Mam., 1820, p. 234. | » |
| *aureus*, Raf., l. c., 1817, p. 46. | » |
| *a.* — *fasciata*, Rafin., l. c., 1817, p. 46. | Columbia Britann. |
| *b.* — *Bayleyi*, Merriam, North-Am. Fauna. N° 3, 1890, p. 79. | Colorado, Utah, Arizona. |
| *c.* — *montana*, Rafin., l. c., 1817, p. 46. | M^tes^ Saxosi. |
| *d.* — *maculata*, Vig. et Horsf., Zool. Journ., IV, 1829, p. 381, pl. 13. | Texas, Rio Grande. |
| *e.* — *floridana*, Rafin., l. c., 1817, p. 46. | Florida. |
| *f.* — *eremica*, Mearns, Proc. Unit. Stat. Nat. Mus., XX, 1897, p. 1. | Colorado desert. (California sept., in Mexico confin.) |
| *g.* — *californica*, Mearns, l. c., 1897, p. 2. | California Occid. et merid. |
| 2131. **pardina**, Temm., Mon. Mam., I, 1827, p. 116; Mivart, The Cat, 1881, p. 426; Elliot, Mon. Felidae, 1883, pl. 38. | Europa merid., Hispania, Lusitania, Sardinia, ? Corsica, Sicilia, Graecia, Turcia, Asia minor. |
| † *pardina foss.*, Busk., Trans. Zool. Soc., X, pl. 3, fig. 3. | † Pleistocaen. Gibraltar. |

## Ordo VII. **Pinnipedia.**

1880. — **J. A. Allen,** History of North American Pinnipeds *(G. et Geog. Surv. U. S., — Misc. Publ. N° 12),* [cum synonymia omnium specierum Orbis], Washington, 1880.
1885. — **St G. Mivart,** Notes on the *Pinnipedia* (P. Z. S., 1885, p. 484), [Genera tantum].
1887. — **W. Turner,** Report on the Seals of »Challenger«, — *Rep Voy., Zool.,* XXVI, part 68, — 240 p. et 10 pl., 1887.
1892. — **H. O. Forbes,** Trans. New-Zeal. Inst., XXIV, p. 198.

Distributio geographica.

1881. — **E. Trouessart,** *C.-R. Acad. des Sciences de Paris,* XCII, p. 1118.
1888. — **F. H. Balkwill,** On the Geog. Dist. of Seals (*Zoologist,* XII, p. 401).
1896. — **C. Grevé,** Die Geogr. Verbr. der Pinnipedia (*Nova Acta Acad. Leop.-Carol.,* LXVI, N° 4, p. 289), 4 mapp.

Palaeontologia.

1877. — **P. J. Van Beneden,** Descr. des Oss. Foss. des environs d'Anvers, Part. I: *Amphitheriens,* in-fol., et Atlas, 39 pl. (*Mém. Acad. Roy. de Belgique,* I).

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### Familia I. **Otariidae.**

#### 458. **Otaria,** Péron, 1816; Gill, 1866.

*Platyrhynchus,* F. Cuv., 1824 et 1827.

2132. **jubata,** Forster, 1775; Desm., Mam., 1820, p. 248 (partim); Licht., Descr. Anim. a Forst. in Itin. coll., 1844, p. 317; Burm., Descr. Phys. Rep. Arg., III, 1879, p. 525; Allen, N.-Am. Pinn., 1880, p. 208 (synon. tantum); Turner, Challenger's Report, XXVII, 1887, p. 29, 75; A. M.-Edw., Miss. Cap Horn, VI, 1890, p. 18.

*flavescens,* Shaw, Gen. Zool., I, 1800, p. 260 (juv.).

*leonina,* Péron, Voy. Terres Austr., II, 1816, p. 40; Peters, M.-B. Ak. Berl., 1866, p. 264.

Insul. Gallapagos, et in litt. Americae merid., Peru, Chili, Terra de Fuoco, La Plata (Rio de la Plata). I. Falkland, et Terr. Antarctic. (Terra Statuum, I. Novianni, etc.)

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| *Byroni*, Blainv., Journ. Phys., 1820, XCI, p. 287; Desm., Mam., 1820, p. 240. | Ins. Gallapagos, et in litt. Americae etc. |
| *molossina*, Less. et Garn., Voy. Coq., I, 1826, p. 140, pl. 3. | » |
| *Uraniae* et *molossinus*, Less., Man. Mam., 1827, p. 204. | » |
| *Pernettyi*, Less., Dict. Class., XIII, 1828, p. 420. | » |
| †*jubata foss.*, Amegh., Mam. Foss. Argent., 1889, p. 342. | † Pleistocaen. La Plata. |
| *platyrhynchus* et *chilensis*, Müll., Archiv. Naturg., 1841, p. 333. | » |
| *Godeffroyi* et *Byronia*, Peters, M.-B. Akad. Berl., 1866, p. 266, 269. | » |
| *Ulloae*, Tschudi, Faun. Peru., 1844, p. 135, pl. VI (faem.). | » |
| *falklandicus*, Burm., Ann. Nat. Hist., XVIII, 1866, p. 99, pl. IX, fig. 1—4; Descr. Phys. Rep. Arg., III, 1879, p. 527. | » |
| *minor* et *pygmaea*, Gray, Ann. Nat. Hist., VIII, p. 326. | » |
| *Hookeri*, Sclat., P. Z. S., 1866, p. 80 (nec Gray, nec Clark). | » |

## 459. **Eumetopias,** Gill, 1866.

*Otaria* et *Arctocephalus*, p., Auct.

### A. **Eumetopias.**

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| 2133. **Stelleri,** Lesson, Dict. Class. Hist. Nat., XIII, 1828, p. 420; Sclat., P. Z. S., 1868, p. 190; Peters, M.-B. Akad. Berl., 1866, p. 274, 671; Gray, Ann. Nat. Hist., XVIII, 1866, p. 233; P. Z. S., 1872, p. 737 (partim), fig. 4, 5; Allen, Bull. Mus. Comp. Zool., II, 1870, p. 46, pl. I et III et fig. 1—5 (texto); Scammon, Marine Mam., 1874, p. 124, fig. p. 126—127; Elliot, Rep. Prybilov Isl. Alaska, 1873, 5 pl.; Allen, North-Am. Pinn., 1880, p. 232, fig. 37, p. 259; Turner, Chalenger's Report, 1887, p. 76. | In littoribus Oceani Pacifici Septent., a fret. Behring (Ins. Prybilov, I. Behring, Alaska, I. Alcout., etc.), ad Californiam et ad Japon; I. Farallone, etc. |

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| *jubata,* Schreb. (nec Forst.), Säug., III, 1778, p. 300; Gmel.; Hamilton, 1839; Richards., 1839; Péron, 1816; Nilsson, 1841. | In littoribus Oceani Pacifici Septent., etc. |
| *leonina,* Pall., Zoog. Ross.-As., I, 1831, p. 104. | » |
| *monteriensis,* Gray, P. Z. S., 1859, p. 358, 360, pl. LXXII (partim: cran. tantum). | » |
| *californianus,* Gray (nec Less.), Cat. Seals and Whales, 1866, p. 51; Gill, Proc. Essex Inst., V, 1866, 13 (G. Eumetopias). | » |
| ? *elongatus,* Gray, P. Z. S., 1873, p. 776, fig. 1, 2; Hand-List Seals, 1874, p. 30, pl. 21, 22 (nisi = E. californianus). | » |
| »*Lion marin*«, Choris, Voy. Pitt., Iles Aleout., 1822, p. 12 (nec »L. m. de Calif.«, pl. 11). | » |

B. **Zalophus,** Gill, 1866.

*Arctocephalus,* p., Gray, et *Neophoca,* Gray, 1866.

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| 2134. **californianus,** Less., Dict. Class. Hist. Nat., XIII, 1828, p. 420; »Jeune Lion Marin de Calif.«, Choris, Voy. Pitt., pl. XI; Fisch., Syn. Mam., 1829, p. 231; Allen, N.-Am. Pinn., 1880, p. 276; Turner, Challeng. Rep., 1887, p. 77. | In littoribus et Ins., California, a San Diego et I. San Nicolas ad Sin. San Francisco; I. Santa Barbara. I. Tres Marias, I. Chametly, I. Cedros. |
| *Gillespii,* M'Bain, Proc. Edinb. Roy. Soc., I, 1858, p. 422; Gray, P. Z. S., 1859, p. 110, 360, pl. 70 (cran.); Gill, Proc. Essex Inst., V, 1866, p. 13 (G. Zalophus); Peters, M.-B. Ak. Berlin, 1866, p. 275, 671; Forbes, Trans. Zool. Soc., XI, 1882, p. 225. | |
| ? *jubata,* Veatch., 1869. | » |
| ? *elongatus,* Gray (Phocarctos), fide Turner, 1887. | » |
| 2135. **lobatus,** Gray, Spic. Zool., I, 1828, pl.; Catal. Seals, 1850, p. 44; Cat. Seals and Whales, 1866, p. 50; Gill, Proc. Ess. Inst., V, 1866, p. 7 et 11; Gray, Ann. Nat. Hist., XVIII, 1866, p. 231; Hand-List Seals, 1874, p. 43, pl. 30; Allen, N.-Am. Pinn., 1880, p. 209 (synon. tantum). | In litt. Oceani Australis: Nova-Zelandia, Australia, ? Japon merid. |

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| ? *albicollis*, Péron, Voy. Terres Austr., II, 1816, p. 118. | In litt. Oceani Australis: Nova-Zelandia, Australia, ? Japon merid. |
| *cinerea*, Gray, King's Narr. Austr., II, 413; Péron; Peters, M.-B. Ak. Berl., 1877, p. 506; Turner, Chalieng. Report, 1887, p. 79. | |
| *australis*, Quoy et Gaim., Voy. Astrolabe, Zool., I, 1830, p. 95; 1833, pl. 14, 15, fig. 3, 4 (nec Zimm. et Kerr). | » |
| *Stelleri*, p., Temm., Faun. Japon., 1847. | » |
| † *Williamsi*, M'Coy, Prodr. Palaeont. Victoria, dec. V, 1879, p. 7, pl. 41 et 44; Allen, N.-Am. Pinn., 1880, p. 770. | † Pliocaen. Australia (Victoria). |

C. **Phocarctos**, Peters, 1866.

*Arctocephalus*, p., Gray, Beddart, 1890.

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| 2136. **Hookeri**, Gray, Voy. Erebus and Terror, Zool., pl. 14, 15; Cat. Seals, 1866, p. 53, fig. 15; Hand-List Seals, 1874, p. 29, pl. 20; Clark, P. Z. S., 1873, p. 754, fig.; Allen, N.-Am. Pinn., 1880, p. 209 (synon. tantum); Turner, Chall. Report, 1887, p. 78; Beddart, Trans. Zool. Soc., XII, 1890, p. 369, pl. 64, 65 et fig. (in texto) (Arctocephalus); Forbes, Trans. New-Zeal. Inst., XXIV, 1891, p. 198—200. | Ins. Auckland (Nova-Zelandia). |
| *jubata*, p., Allen, Bull. Mus. Comp. Zool., II, 1870, p. 45. | » |

460. **Arctocephalus**, F. Cuv., 1824.

A. **Callorhinus**, Gray, 1859.

*Arctocephalus*, Gill., 1866; *Callotaria*, Palmer, 1892.

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| 2137. **ursinus**, L., Sys. Nat., I, 1758, p. 37; Schreb., Säug., III, 1758, p. 289; Shaw, Gen. Zool., I, 1800, p. 265, pl. 62; Péron, Voy. Terres Austr., II, 1816, p. 39, 41; Desm., Mam., I, 1820, p. 249; Hamilton, Marine Amphib., 1839, p. 253, pl. 21; Schrenck, Amur-Lande, I, 1859, p. 189; Peters, M.-B. Ak. Berl., 1866, p. 373, 672; | In littor. Oceani Pacifici sept., ab Ins. Pribilov, I. Behring, I. Aleout. Alaska, ad Californiam merid., I. San Benito, I. Cedros; et a Kamtschatka ad Japon. |

Gray, P. Z. S., 1859, p. 103, 107, pl. 73 (cran.); p. 359, pl. 58 (cran.); Clark, P. Z. S., 1878, p. 271, pl. XX; Allen, Mus. Comp. Zool., II, p. 73, pl. II et III; Scammon, Marine Mamm., 1874, p. 41, pl. 21 et fig. 1—6 (texto); Allen, N.-Am. Pinn., 1880, p. 313, fig. p. 317, 321, 322; Turner, Challeng. Rep., 1887, XXVI, p. 86; Günther, P. Z. S., 1880, p. 443 (in Japon). — In littor. Oceani Pacifici sept., etc.

*nigra*, Pall., Zoog., I, 1831, p. 107 (juv.). — »

*Krachenninikowi*, Less., Dict. Class., XIII, 1828, p. 420 (= *Ursus marinus*, Steller). — »

? *Fabricii*, Less., l. c., 1828, p. 419. — »

*monteriensis*, p., Gray, P. Z. S., 1857, p. 360. — »

*californianus*, p., Gray, Seals and Whales, 1866, p. 51. — »

## B. **Arctocephalus**, p. d.

*Halarctus*, Gill, 1866; *Arctophoca*, Peters, 1866; *Enotaria* et *Gypsophoca*, Gray, 1869.

2138. **australis**, Zimm., Geog. Ges., III, 1782, p. 276; Kerr, An. Kingd., 1792, p. 127 (ex Pennant); Allen, North-Am. Pinnip., 1880, p. 210 (synon. tantum); Turner, Challenger's Report, XXVI, 1887, p. 39, pl. VI, VII et p. 82; A. M.-Edw., Miss. Cap Horn, Zool., VI, 1890, p. 21. — In littor. Americae merid., ab Ins. Gallapagos, Chili, Rio Janeiro, Rio de la Plata, I. Falkland, ad Terram-de-Fuoco et Terras antarcticas.

*falklandica*, Shaw, Gen. Zool., I, 1800, p. 256; Desm., Dict. Hist. Nat., XXV, 1817, p. 601; Gray, Peters et Auct. seq. — »

*ursina*, p., Auct. Vet.; *nigrescens*, Gray, Peters. — »

*Shauwei* et *Hauwillei*, Less., Dict. Class., XIII, p. 425. — »

*argentata*, Philippi et Peters, M.-B. Ak. Berl., 1871, p. 560, pl. I et II. — »

*Grayi*, Scott, Mam. Rec. and Ext., 1873, p. 19. — »

*latirostris*, Gray, Hand-List Seals, 1874, p. 37, pl. 27. — »

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| *a.* — *Philippii,* Peters, M.-B. Akad. Berl., 1866, p. 276, pl. II; Turner, Challeng. Rep., 1887, p. 87. | Ins. Juan Fernandez, I. Masafuera. |
| *sp.*, Turner, Chall. Rep., 1887, p. 52 (juv.). | » |
| 2139. **gazella,** Peters, M.-B. Akad. Berl., 1875, p. 396; Turner, Challenger's Report, XXVI, 1887, p. 36, pl. VI et p. 83. | Ins. Kerguelen. |
| 2140. **gracilis,** Nehring, Archiv. Naturg., 1887, part I, p. 75, pl. II; S.-B. Ges. Naturf. Fr. Berl., 1887, p. 142. | In Ocean. Pacific. |
| 2141. †**Fischeri,** Gerv. et Amegh., Mam. Foss. Am. Merid., 1880, p. 223; Amegh., Mam. Fos. Rep. Arg., 1889, p. 342 (Arctophoca). | †Oligocaen? La Plata, (Parana). |
| 2142. **antarcticus,** Thunberg, Mém. Ac. St Petersb., III, 1811, p. 222; Allen, Bull. Mus. Comp. Zool., II, 1870, p. 45; N.-Am. Pinnip., 1880, p. 212 (synon. tantum). | Africa australi, Cap Bonae-Spei, I. Crozet. |
| *pusillus,* Schreb., Säug., III, p. 314; Desm.; Peters; Turner, Challeng. Rep., 1887, p. 84, fig. 2, p. 85. | » |
| *parva,* Bodd., Elench. Anim., pl. 77. | » |
| *Peroni,* Desm., Mam., 1820, p. 250; Smith, South-Afr. Quart. Journ., II, p. 62. | » |
| *Delalandii,* Gray, P. Z. S., 1859, p. 107, 369, pl. 69. | » |
| *schisthyperoës,* Turn., Journ. An. and Phys., III, 1868, p. 113, fig. | » |
| *nirosus,* Gray, 1871; *compressa,* Gray, Hand-list, 1874, p. 38, pl. 24 (Euotaria). | » |
| 2143. **Forsteri,** Lesson, Dict. Class. Hist. Nat., XIII, 1828, p. 421; Gray, Cat. Seals and Whales, Suppl., 1871, p. 25; Allen, N.-Am. Pinnip., 1880, p. 213 (synon. tantum); Turner, Challeng. Report, 1887, p. 87; Forbes, Trans. New.-Zeal. Inst., 1891, XXIV, p. 198—200. | In littoribus Australiae, Nova Zelandia, I. Auckland. |
| *ursina,* p., Forster (nec L., nec Schreb.). | » |

*cinerea*, Quoy et Gaim., Voy. Astrolabe, Zool., I, 1830, p. 89; Atlas, 1833, pl. 12, 13, 15 (faem.), nec Péron, 1816; Peters, M.-B. Ak. Berl., 1866, p. 272, 671 (exclus. syn.); Clarke; Gray, Hand-list, 1874, p. 34, pl. XXVI. — In littoribus Australiae, Nova Zelandia, I. Auckland.

† *Forsteri foss.*, Less., Voy. Terres Austr., 1816, II, p. 37. — † Pleistocaen. Nova Zelandia.

? *Lamarii*, Müll., Archiv. Natur., 1841, p. 334; fide Peters, 1866. — »

*tropicalis*, Gray, P. Z. S., 1872, p. 659, fig. 5, 6; Hand-list Seals, 1874, p. 28, pl. 18. — »

*brevipes* et *Forsteri*, Peters, M.-B. Ak. Berl., 1877, p. 507. — »

*a.* — Var. *elegans*, Peters, M.-B. Akad. Berl., 1876, p. 316; 1877, p. 507 et seq. — I. Saint-Paul, I. Amsterdam.

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## Familia II. **Trichecidae.**

### 461. **Trichechus**, L., 1766.

*Odobenus*, L., Briss. Allen, 1880; *Rosmarus*, Lillj., Gill., 1866; † *Odobenotherium*, Gratiolet, 1858; *Odontobaenus*, Sundev., 1859; † *Trichecodon*, Lankest., 1865; *Alachtherium*, Du Bus, 1867.

2144. **rosmarus**, L., Sys. Nat., I, 1766, p. 49; Schreb., Säug., II, 1775, p. 262; Bell, Brit. Quadr., 1837, p. 258, fig.; Gray, P. Z. S., 1853, p. 112, fig.; Blas., Faun. Deuts., I, 1857, p. 262, fig. 148—150 (cran.); Allen, N.-Am. Pinnip., 1880, p. 23, fig. p. 157, 158, 159, 160, 162, 163, 164, 166, 167, 168, 169 (cum synon. extensior.); Nordquist, Vega Mamm., 1883, p. 94, fig. (cran.). — In litt. Oceani Arctici (Hemisph. Orient.), et Oceani Atlantici (Groënland, Spitzberg, Nova-Zemblia), usque ad Scotiam, Finmark, I. Chérie, etc., Siberiam sept., et ad Americ. Septent.-Orient., Labrador. Repulse-Bay, I. Prince-Regent.

*obesus*, p., Gill, Proc. Ess. Inst., V, 1866, p. 13.

*longidens*, Fremery, 1831; *dubius*, Stannius, 1842.

*arcticus*, Lillj., 1874; *trichecus*, Lamont (Rosmarus), Seasons W. Sea-horses, 1861, fig. p. 141, 167. — »

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| †*lartetianus*, Gratiolet, Bull. Soc. Géol., XV, 1858, p. 624, pl. V (Odobenother.); Gerv. Zool. Pal. Gen., I, 1867—69, p. 87. | †Pleistocaen. Gallia sept. (Paris), Belgia Anglia. |
| *rosmarus foss.*, Van Beneden, Oss. foss. Anvers, 1877, p. 39, pl. VIII; Brandt-Woldrich, 1887. | » |
| †*virginianus*, Dekay, Nat. Hist. New-York, Zool., I, 1842, p. 56, pl. 19. | †United-States, Virginia. |
| 2145. **obesus**, Illig., Abhandl. Berl. Akad. (1804—11), 1815, p. 64, 70, 75; Gill, Proc. Ess. Inst., V, 1866, p. 13 (partim); Dall, 1870; Scammon, Marine Mam., 1874, p. 176, fig.; Allen, North-Am. Pinnip., 1880, p. 147, fig. p. 153, 156, 158, 159, 161, 162, 163, 165, 166, 167, 168, 169, 173; Lucas, Animals recentl. extincts, 1891 (Rep. Nat. Mus., 1889), p. 618, pl. 97; Nordquist, Vega Mamm., 1883, p. 94. | In litt. Oceani Arctici (Hemisph. Occid.), et Oceani Pacifici: Asia sept.-Orient. et Alaska sept., a Cap Schelatskoi, I. Koljutschin, Flum. Kolyma, et a Point Barrow, I. Prybilov, I. Walrus, (Mari Behring), ad I. Aleout., Bristol Bay. |
| *rosmarus*, p., Shaw., 1800, fig. 68*; Schrenck, Amur-Lande, I, 1859, p. 179; Middend., Sib. Reis., IV, 1867, p. 934. | |
| *divergens*, Illig., l. c., 1815, p. 68. | » |
| *Cookii*, Fremery, 1831; Gill, 1876. | » |
| *arcticus*, Pall., Zoog. Ross.-As., 1831, p. 269, pl. 28, 29; Elliot, Aff. in Alaska, 1875, p. 121, 160. | » |
| 2146. †**Huxleyi**, Lankest., Quart. Journ. Geol. Soc., XXI, 1865, p. 226, pl. X et XI; Trans. Linn. Soc., 1882, II, p. 213. | †Pliocaen. Anglia et Belgia. |
| *Cretsii*, Du Bus, Bull. Ac. Belg., XXIV, 1867; Gerv., Journ. Zool., III, p. 53, pl. XI; Van Beneden, Oss. Foss. Anvers, 1877, p. 50, pl. I—VI. | » |
| 2147. †**Koninckii**, Van Beneden, Bull. Acad. Belg., XXXII, 1871, p. 5; Oss. Foss. Anvers, 1877, p. 46, pl. VI, VII et VIII. | †Pliocaen. Belgia. |

## Familia III. **Phocidae.**

### Subfam. 1. **Cystophorinae.**

#### 462. **Macrorhinus,** F. Cuv., 1823.

*Mirounga* et *Morunga,* Gray, 1827—47; *Cystophora,* p., Auct.

2148. **leoninus,** L., Syst. Nat., I, 1758, p. 38; 1766, p. 38 (part.); Peters, M.-B. Ak. Berl., 1875, p. 394; Allen, N.-Am. Pinnip., 1880, p. 466 (synon. tantum); Turner, Challenger's Report, 1887, XXVI, p. 3, pl. I—IV et p. 69; Flower, P. Z. S., 1881, p. 145; Scott, Trans. New-Zeal. Inst., XV, 1883, p. 492. — In littoribus Oceani Pacifici meridionalis, (Chili, I. Juan Fernandez) Oceani Indici (Australia merid., I. Kerguelen, I. Heard, I. Crozet, Tasmania), Novae Zelandiae (I. Macquaria, I. Nassau, I. Georgia merid.), et Terrarum antarcticarum.

*elephantina,* Molina, Sagg. Stor. Nat. Chili, 1782, p. 280.

*proboscidea,* Péron, Voy. Terres Austr., II, 1817, p. 34, pl. 32; F. Cuv., Mém. Mus., XI, 1824, p. 200, pl. XIII.

*Ansoni,* Desm., Mam., 1820, p. 239 (partim). — »

*Byroni,* Desm., l. c., p. 240. — »

*dubia,* Fischer, Syn. Mam., 1829, p. 235. — »

*patagonica,* Gray, Griff. An. Kingd., V, 1827, p. 186. — »

*falklandica* et *Kerguelensis,* Peters, M.-B. Ak. Berl., 1875, p. 394 (nota). — »

2149. **angustirostris,** Gill, Proc. Essex Inst., V, 1866, p. 13; Proc. Chicago Acad. Sc., I, 1866, p. 33; Scammon, Proc. Ac. Nat. Sc. Philad., 1869, p. 63; Marine Mam., 1874, p. 115, pl. XX, fig. 1, 2; Allen, North Amer. Pinnip., 1880, p. 743, fig. p. 744, 745, 746, 747; Lucas, Report Nat. Mus. Washingt., 1888—89 (1891), p. 616, pl. 96. — In littor. Oceani Pacif. Septent.: California infer., Mexico Occid. (I. Santa Barbara, I. Cedros).

#### 463. †**Mesotaria,** Van Beneden, 1876.

*Otaria,* p., Delfortie.

2150. †**ambigua,** Van Ben., Bull. Acad. Belg., XLI, 1876, p. 783; Oss. Foss. Anvers, 1877, p. 56, pl. IX. — †Pliocaen. Belgia.

2151. †**Oudriana,** Delfortie, Actes Soc. Linn. Bordeaux, 1872 (Otaria). — Miocaen Gallia merid.

2152. †**Leclercii,** Delf., l. c., 1872 (Otaria). — †Miocaen. Gallia merid.

## 464. **Cystophora,** Nillson, 1820.

*Stemmatopus,* F. Cuv., 1824; *Phoca,* p., Auct.

2153. **cristata,** Erxleb., Sys. Regn. Anim., 1777, p. 590; Desm., Mam., 1820, p. 241, 371; De Kay, Ann. New-York Lyc. Nat. Hist., I. 1824, p. 94, pl. 7; Gerv., Zool. et Pal. Fr., 1852, p. 139, pl. 42; 2e Ed., 1859, p. 270; Nillson, Vet. Akad. Handl. Stockh., 1837; F. Cuv., Mém. Mus., XI, 1824, p. 196, pl. XIII; De Kay, Zool. N.-Y., 1842, pl. XV; Gray, Hand-List Seals, 1874, p. 17, fig. 11, pl. XIII (cran. juv.); Blas., Fauna Deuts., I, 1857, p. 258, fig. 145—147; Allen, North-Am. Pinnip., 1880, p. 724, fig. 52—56, p. 727 et seq., Turner, Challeng. Rep., 1887, p. 68.

*cucullata,* Bodd., Elench. An., 1785, p. 107.

*mitrata* (Milbert), G. Cuv., Oss. Foss., 1825, V, p. 210, pl. 18; F. Cuv., Dents des Mam., 1825, p. 122, pl. 38B, 39.

*borealis,* Nilss., Skand. Faun., 1820, p. 383 (Cystophora).

*leucopla,* Thienem., Reis. Nord., 1824.

*Isidorei,* Less., Rev. Zool., 1843, p. 256.

?*antillarum,* Gray, P. Z. S., 1849, p. 93; Hand-List, 1874, p. 18 (errore species sep.).

In littor. Oceani Arctici et O. Atlantici Septent., a Groënland, Spitzberg, ad Europam sept. et Americam sept.: I. Jan Mayen, Finmark, Nova Zemlia, I. Island, Scandinavia Occid., fortuito usque ad I. Britannicas. Galliam occid., etc. et in litt. Americae, Newfoundland (Terra-Nova), usque ad Novam-Scotiam, Sin. Saint-Laurent, I. Saint-Paul. Labrador, fortuito usque ad Massachusetts, Long-Island, Nov.-Jersey, Maryland, (nec Antillas).

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## Subfam. 2. **Monachinae.**

## 465. **Monachus,** Fleming, 1822.

*Pelagius,* F. Cuv., 1824; *Heliophoca,* Gray, 1854.

### A. **Monachus.**

2154. **albiventer,** Bodd., Elench. Anim., 1785, p. 170; Gray; Allen, North-Am. Pinnip., 1880, p. 465 (syn. tantum). — In litt. Maris Mediterraneae et vicin. part. Oceani

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| *monachus*, Hermann, Besch. Berl. Ges. Natur. Fr., IV, 1779, p. 456, pl. 12, 13; Fleming, Phil. Zool., II, 1822, p. 187 (nota); F. Cuv., Dict. Sc. Nat., XXXIX, 1826, p. 550; Mém. Mus., XI, 1824, p. 193; Turner, Challeng. Report, 1887, p. 67. | Atlantici: Mare Adriaticum, Pontus Euxinum, I. Madeira, I. Canaris, ? Africa sept.-occid. |
| *bicolor*, Shaw, Gen. Zool., I, 1800, p. 254. | » |
| *leucogaster*, Péron, Voy. Terres Austr., II, 1817, p. 47. | » |
| *Hermanni*, Lesson, Dict. Class., XIII, 1828, p. 416. | » |
| *mediterraneus*, Nills., Vet. Ak. Handl. Stock., 1837, p. 235. | » |
| *atlantica*, Gray, P. Z. S., 1854, p. 43 (juv.). | » |
| 2155. **tropicalis**, Gray, Cat. Seals Brit. Mus., 1850, p. 28; Cat. S. and W., 1866, p. 20; Hand-List, 1874, p. 11; Allen, North-Am. Pinnip., 1880, p. 708; Elliot, Science, III, 1884, p. 752; True et Lucas, Ann. Rep. Smiths. Inst., 1884, part 2, p. 331, pl. I—III; Lucas, Report Nat. Mus. Washingt., 1888—89 (1891), p. 614, pl. 95. | In littoribus Antillarum: I. Jamaica, I. Pedro Kays, I. Cuba, I. Alacranes, Yucatan, I. Bahamas, Florida merid. |
| *antillarum*, p., Gray (Cystophora), P. Z. S., 1849, p. 93. | » |
| *Wilkianus*, Gosse, Natur. Sojourn. Jamaica, 1851, p. 307. | » |

B. †**Pristiphoca**, Gerv., 1852.

*Palaeophoca*, Van Beneden, 1853.

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| 2156. †**occitanica**, Gervais, Mém. Ac. Sc. de Montpell., II, 1852, p. 208, pl. 6, fig. 4; Ann. Sc. Nat., XX, 1853, p. 282, pl. 13, fig. 8; Zool. et Pal. Fr., 2e Ed., 1859, p. 272, pl. 82, fig. 4; pl. VII, fig. 7; pl. XX, fig. 5—6. | † Pliocaen. Gallia merid. |
| *Pedroni*, Gerv. (Phoca). | » |

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| *a.* — *Nystii,* Van. Ben., Bull. Acad. Belg., XX, 1853, p. 255; VIII, 1859, p. 123; XXXII, 1871, p. 5; II, 1876, p. 797; Oss. Foss. Anvers., 1877, p. 60, pl. X. | Belgia. |
| *ambigua,* Staring (Phoca). | » |
| ? *rugidens,* V. Meyer (Phoca). | Germania. |
| *b.* — *Gaudini,* Guiscardi, Atti Soc. Toscana, 1875, p. 66. | Italia. |

### 466. †**Monatherium,** Van Beneden, 1876.

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| 2157. †**Delognii,** Van. Ben., Bull. Acad. Belg., XLI, 1876, p. 800; Oss. Foss. Anvers, 1877, p. 75, pl. XVI. | †Miocaen. Belgia. |
| 2158. †**affine,** Van. Ben., Oss. Foss. Anvers, 1877, p. 76, pl. XVI. | †Miocaen. Belgia. |
| 2159. †**aberratum,** Van. Ben., Oss. Foss. Anvers, 1877, p. 77, pl. XVII. | †Miocaen. Belgia. |
| 2160. †**maeoticum,** Eichwald; Nordmann, Palaeont. Süd-Russland, 1858 (Phoca maeotica). | †Miocaen. Rossia merid. (Bessarabia). |
| 2161. †**rugosidens,** Owen; Leith Adams, Quart. Journ. Geol. Soc., XXXV, 1879, p. 517, pl. 25, fig. 1, 2; Allen, N.-Am. Pinn., 1880, p. 773 (Phoca). | †Miocaen. I. Malta. |

### 467. **Ogmorhinus,** Peters, 1875.

*Stenorhynchus,* F. Cuv., 1824.

#### A. **Ogmorhinus.**

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| 2162. **leptonyx,** Blainv., Journ. Physiq., XCI, 1820, p. 288; F. Cuv., Mém. Mus., XI, 1824, p. 190; Gray, Cat. Seals and Whales, 1866, p. 15, fig. 5; Peters, M.-B. Ak. Berl., 1875, p. 393 (nota); Allen, N.-Am. Pinnip., 1880, p. 466 (synon. tantum); Turner, Challenger's Report, 1887, p. 20 et 64; Gerv., Hist. Nat. Mam., II, 1855, fig. p. 302, 303. | In littoribus Novae-Zelandiae, I. Lord Howe, I. Desolationis, ? I. Falkland, Australia merid. |
| *Homei,* Less., Dict. Class., XIII, 1828, p. 417. | » |

### B. **Leptonychotes,** Gill, 1872.

*Leptonyx*, Gray, 1836 (nom. praeocc.); *Poecilophoca,* Lydekk., 1891.

2163. **Weddelli,** Lesson, Bull. Sc. Nat., VII, 1826, p. 438; Man. Mamm., 1827, p. 200; Gray, Ann. Nat. Hist., X, 1836, p. 582; Zool. Erebus and Terror, Mam., 1844, p. 2, pl. V et VI; Cat. Seals and Whales, 1866, p. 12, fig. 3; Allen, N.-Am. Pinn., 1880, p. 467 (synon. tantum); Turner, Challenger's Report, XXVI, 1887, p. 20, 64, pl. V. — In littoribus Maris antarctic., I. Kerguelen, I. Heard, ? Patagonia orient.

*leopardina,* Jameson, Hamilton's Mar. Amph., 1839, p. 183. — »

### C. **Lobodon,** Gray, 1844.

2164. **carcinophaga,** Hombr. et Jacq., Voy. Pôle Sud, Atlas, 1842, Mam., pl. X, XA, Zool., III, 1855, p. 27; Gray, Zool. Erebus and Terror, I, 1844, II, p. 5, pl. 1 et 2, Cat. Seals and Whales, 1866, p. 10; Allen, N.-Am. Pinn., 1880, p. 466; Turner, Challenger's Report, 1887, p. 64 (nec Cassin, qui = Phoca vitulina). — Oceanum antarcticum.

*serridens,* Owen, Ann. Nat. Hist., XII, 1863, p. 331; Cat. Ost. Mus. Surg., p. 641. — »

*a.* — †?*vetus*, Leidy (Stenorhynchus), Proc. Ac. Phil., VI, p. 377. — Miocaen. Amer. Sept.

## 468. **Ommatophoca,** Gray, 1844.

2165. **Rossi,** Gray, Zool. Erebus and Terror, Mam., I, 1844, p. 7, pl. VII et VIII; Cat. Seals Brit. Mus., 1850, p. 31; 1866, p. 13, fig. 4; Hand-List Seals, 1874, p. 15, pl. XI; Allen, N.-Am. Pinn., 1880, p. 467 (synon. tantum); Turner, Challenger's Report, XXVI, 1887, p. 65. — Oceanum antarcticum.

## Subfam. 3. **Phocinae.**

### 469. **Halichoerus,** Nillson, 1820.

*Pusa,* Gill, 1877 (nec Scopoli, 1777); *Phoca,* Auct.

#### A. **Halichoerus.**

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| 2166. **grypus** (Fabricius, 1791), Nills., Vet. Ak. Handl. Stockh., 1837; Ill. Fig. Skand. Faun., II, 1837, pl. 34; Gray, Cat. Seals and Whales, 1866, p. 34; Hand-List, 1874, p. 9, fig. 4, pl. VII; Blasius, Fauna Deuts., 1857, I, p. 256, fig. 142—144; Allen, N.-Am. Pinn., 1880, p. 689, fig. 51, p. 691; Turner, Challenger's Report, 1887, p. 62; Nehring, S.-B. Ges. Naturf. Fr. Berl., 1882, p. 117; 1883, p. 107; Mojsisovics, Zool. Anz., 1884, p. 96; Nehring, Mitth. Sect. Kust. Hochs. Fisch., 1887, p. 4, fig. 1—3. | In littoribus Oceani Atlantici Septent., a Groënland et Finmark ad Island, Europam septent., Scandinaviam, Ins. Britannicas, Daniam, Sinus Codanum, Fretum Britannicum; et ad Americam septent., Novam Scotiam (I. Sable), Labrador, Belle-Isle, etc. |
| *gryphus,* Licht.; Blainv.; Ball., Trans. Irish. Acad., XVIII, 1838, p. 89, pl. I—III; Bell, Brit. Quadr., 1837, p. 278, fig. | |
| *griseus,* Nills., Skand. Faun., I, 1820, p. 377; Hamilton, Amphib. Carniv., 1839, p. 174, pl. X. | » |
| *halichoerus* et *Scopulicola,* Thien., Reise, 1824, pl. V. | » |
| *Scopulicolus,* Lesson, Mon. Mam., 1820, p. 199. | » |
| *Thienemanni,* Lesson, Dict. Class., XIII, p. 414. | » |
| *macrorhynchus* et *pachyrhynchus,* Horn. et Schill., 1851. | » |
| *barbata,* Edmonst., View of the Zetland Islands, II, 1809, p. 294. | » |

#### B. † **Gryphoca,** Van Beneden, 1876.

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| 2167. †**similis,** Van. Ben., Bull. Ac. Belg., XLI, 1876, p. 799; Oss. Foss. Anvers, 1877, p. 69, pl. XIII. | † Pliocaen. Belgia. |

## 470. †**Prophoca,** Van Beneden, 1876.

2168. †**Rousseaui,** Van. Ben., Bull. Acad. Belg., XLI, 1876, p. 802; Oss. Foss. Anvers, 1877, p. 78, pl. XVIII. — †Miocaen. Belgia.

2169. †**proxima,** Van. Ben., Oss. Foss. Anvers, 1877, p. 80, pl. XVIII. — †Miocaen. Belgia.

## 471. **Phoca,** L., 1758.

*Pusa,* Scopoli, 1777; *Callocephalus,* F. Cuv., 1824; *Pagophilus,* Gray, 1844; *Pagomys,* Gray, 1864; *Halicyon,* Gray, 1864; *Haliphilus,* Gray, 1866.

### A. **Erignathus,** Gill, 1866.

2170. **barbatus,** Fabricius, Muller's Zool. Dan. Prod., 1776, VIII; Fauna Groenl., 1780, p. 15; Skiv. Nat. Selsk., I, 1790, p. 139, pl. XIII, fig. 3; Erxleb., Sys. R. An., 1777, p. 590; Desm., Mam., 1820, p. 246, 378; Thienem., Reis., 1824, p. 23, pl. I—IV; Gray, Hand-List, 1874, p. 8, pl. V; Schrenck, Amur-Land, I, 1859, p. 181; Middendorff, Siber. Reis., IV, 2, 1867, p. 934; Nordenskjold, Exp. nach Spitzb., 1869, fig. p. 78; F. Cuv., Mem. Mus., XI, 1824, p. 184, pl. 12; Allen, North-Am. Pinnip., 1880, p. 655; Gill, Proc. Essex Inst., V, 1866, p. 12; Turner, Challeng. Rep., 1887, p. 62. — In Oceano Arctico circumpolari, parum migrans: Groënland, Sin. Baffin, usque ad Labrador, ? Terra-Nova (Newfoundland); et usque ad Island, Scandinaviam sept., Finmark; I. Jan Mayen, I. Spitzberg, Terra Franz-Joseph, Rossia et Siberia septent., Mare Behring, Mare Ockhotzk, ? Ostia flum. Amur, I. Saghalien, ? Sitka.

*leporinus,* Lepechin, Act. Ac. Petrop., I, 1777, p. 264, pl. 8, 9 (juv.); Desm., Mam., 1820, p. 243, 374. — »

*Lepechini,* Lesson, Dict. Class., XIII, p. 415. — »

*Parsonsi,* Lesson, Dict. Class., l. c., p. 414. — »

*albigena* et *nautica,* Pall., Zoog., 1831, p. 108, 109; *naurica,* Gray, 1871. — »

†*barbatus foss.,* Newton, Geol. Mag., VI, 1889, p. 147, pl. V, fig. 2. — †Pleistocaen. Anglia.

### B. †**Platyphoca**, Van Beneden, 1876.

2171. †**vulgaris**, Van. Ben., Bull. Ac. Belg., XLI, 1876, p. 799; Oss. Foss. Anvers, 1877, p. 67, pl. XII. — †Pliocaen. Belgia.

### C. **Histriophoca**, Gill, 1873.

2172. **fasciata**, Zimm., Geog. Gesch., III, 1783, p. 277 (ex Pennant); Richards., Zool. Beech. Voy., 1830, p. 6; Gill, Amer. Natur., VII, 1873, p. 179; Scammon, Marine Mam., 1874, p. 140, pl. XXII, fig. 1, 2 (ex Schrenck); Allen, North-Amer. Pinnip., 1880, p. 676; Nordquist, Vega Mam., 1883, p. 107; True, Amer. Natur., 1883, XVII, p. 798; Proc. U. S. Nat. Mus., 1884, p. 417. — In litt. Oceani Pacifici sept., a Mari Behring ad I. Aleout., et ad I. Saghalien: Kamtschatka orient., Mare Ockhotzk, Sinus Tartariae usque ad Cap. Romanzoff; Alaska, usque ad St Michael, Norton Sound.

*equestris*, Pallas, Zoogr., I, 1831, p. 111; Schrenck, Amur-Land, I, 1859, p. 182, pl. IX, fig. 1—3; Gray, Cat. Seals and Whales, Suppl., 1871, p. 2 (partim, excl. syn.: Phoca annelata, Radde).

### D. **Phoca**, p. d.

*Callocephalus*, F. Cuv., 1826; Gray, 1844—1874.

2173. **vitulina**, L., Sys. Nat., 1766, I, p. 56; Schreb., Säug., III, 1776, p. 333, pl. 84; Desm., Nouv. Dict., XXV, 1817, p. 383, pl. 44, fig. 3; Mam., 1820, p. 244; Schinz, Abbild. Säug., 1827, pl. 64; Ball, Trans. Irish. Acad., XVIII, 1839, pl. IV, V, VI; Sketch. Brit. Seals, 1839, pl. VIII; Wagner, Schreb. Säug. Suppl., VII, 1846, pl. 84; Gaimard, Voy. Islande, 1851, Atlas, pl. 11; Blasius, Fauna Deuts., 1857, p. 248, fig. 136, 137; Lloyd, Game Birds and Wild Fowl, 1867, p. 381, pl. col.; Allen, N.-Am. Pinnip., 1880, p. 559, fig. 43, p. 563 et 44—48, p. 580—583; Turner, Challenger's Report, 1887, p. 58; Nehring, Mitth. Fisch., 1887, p. 9, fig. 4—6. — In littoribus Oceani Arctic, Oceani Atlantici et O. Pacifici usque ad Lusitaniam (necMareMediterran.), ad Nov.-Jersey (United-states), ad Californiam, et ad I. Saghalien et Japon sept.: Europa, Asia et America sept. (nec hemisph. antarctic.).

*variegata*, Nills., Skand. Faun., I, 1820, p. 259. — »

*scopulicola* et *littorea*, Thienem., 1824. — »

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| *Linnaei,* Lesson, 1828. | In littoribus Oceani Arctici, Oceani Atlantici etc. |
| *canina,* p., Pall., Zoogr., 1831, p. 114. | |
| *largha,* Pall., l. c., p. 113; Gray, 1850. | |
| *nummularis,* Temm., Faun. Japon., 1842; Wagner, 1846; Schrenck, 1859; Middendorff, 1853; Gray, 1864. | » |
| *concolor,* De Kay, N.-Y. Zool., 1842, pl. 18. | » |
| *jubata,* Hutching, Scenes in Calif., fig. p. 189. | » |
| *antarcticus,* Peale (Halichoerus), Rep. U. S. Expl. Exp., VIII, 1848, p. 30, pl. V (nomen fals.); Gray, 1866 (Haliphilus). | » |
| *Richardsi,* Gray, P. Z. S., 1864, p. 28 (Halicyon). | » |
| *Pealei,* Gill, Proc. Essex Inst., V, p. 1866, p. 4, 13; Scammon, Mar. Mam., 1874, p. 164, pl. 22, fig. 1; Gray, 1871 (Halicyon). | » |
| *californica,* Gray, 1866 (Halicyon). | » |
| *foetida,* Bartlett (nec Fabr.), juv. (errore, 1868). | » |
| *a.* — Var. *Chorisi,* Lesson, Dict. Class., XIII, 1828, p. 417; Choris, Voy., pl. VIII. | Kamtschatka, Fretum Behring. |
| *tigrina,* Less., Man. Mam., 1827, p. 206 | » |
| 2174. †**vitulinoïdes,** Van. Ben., Bull. Acad. Belg., VIII, 1859, p. 123; XXXII, 1871, p. 5; XLI, 1876, p. 799; Oss. Foss. Anvers, 1877, p. 72, pl. XV. | † Pliocaen. Belgia. |
| 2175. †**Moori,** Newton, Quart. Journ. Geol. Soc., XLIX, 1890, p. 446, pl. 18, fig. 3. | † Pliocaen. Anglia. |
| 2176. †**holitschensis,** Brühl, Mitth. Zool. Inst. Univ. Pesth, Wien, 1866. | † Miocaen. Ungria, Austria. |
| *viennensis,* Blainv., Ost. Carn., 1840. | » |
| 2177. †**pontica,** Eichw., Lethaea Ross., 1853; Peters, S.-B. Ak. Wiss. Wien, 1867; Calvert et Neumayr, Akad. Denks., XL, 1880. | † Miocaen. Rossia merid. |

## E. **Pusa**, Scopoli, 1777.

*Pagomys*, Gray, 1864.

2178. **foetida**, Fabricius; Mull. Zool. Dan., 1776, VIII; Fauna Groenl., 1780, p. 13; Desm., Mam., 1820, p. 246; »Phoque marbré«, F. Cuv., Mam., 1819, pl.; Blas., Fauna Deuts., 1857, p. 251, fig. 138, 139; Middendorff, 1867; Gray, P. Z. S., 1864, p. 31 (Pagomys); Hand-List, 1874, p. 6, pl. III (cran.); Heuglin, Reise Nordpol., III, 1874, p. 48; Allen, N.-Am. Pinnip., 1880, p. 597, fig. 49, p. 601. — In littoribus Oceani Arctici circumpolari, O. Atlantici et O. Pacifici, ad Island, Novam-Zemliam, Finland, Rossiam et Siberiam sept., Sin. Bothnia, Lac. Scandinaviae (L. Ladoga, etc.), fortuito usque ad litt. Ins. Britann., Germaniae et Galliae occid.; in America usque ad Labrador, ad Alaska. Fret. Behring, etc.

*hispida*, Schreb., Säug., III, 1876, p. 312, pl. 86; Gaim., Voy. Islande, Atlas, 1851, pl. X; Turner, Journ. An. et Phys., IV, 1870, p. 260; Challeng. Rep., 1887, p. 59, fig. p. 60; F. Cuv., Mém. Mus., XI, 1824, p. 189, pl. XII.

*annelata*, Nills., Skand. Faun., I, 1820, p. 362; Ill. Fig., 1840, pl. 38; Thienem., Reis., 1824, p. 83, pl. 9, 10, 11; Schinz, Abbild., pl. 64; Gaimard, 1851; Radde, 1862; Karsch, 1850; Nehring, Mitth. Sect. Küst. und Hochs. Fisch., 1887, p. 12, fig. 7.

*discolor*, F. Cuv., Mém. Mus., XI, 1824, p. 186. »

*Frederici* et *Schreberi*, Lesson, 1828. »

*communis* Var. *octonotata*, Kutorga, Bull. Soc. Nat. Mosc., 1839, p. 189, pl. 13—18. »

*communis* Var. *undulata*, Kutorga, l. c., 1839, p. 191, pl. 13—18. »

*dimidiata*, Schlegel; Gray, 1850—1866. »

*cucullata*, Middend., Reis., 1867—74. »

†*foetida foss.*, Turner, Proc. Roy. Soc. Edinb., 1869, p. 70. † Pleistocaen. Scotia.

*hispida foss.*, Turner, Journ. Anat. Phys., IV, 1870, p. 260. »

2179. **sibirica**, Gm., Syst. Nat., I, 1788, p. 64 (vitulina Var. sibirica); Allen, North-Amer. Pinnip., 1880, p. 612 (nota). — Lac. Baikal, Lac. Oron.

*annelata*, p., Nills., Archiv. Naturg., 1841, p. 312; Radde, Reise, I, 1862, p. 296, pl. 13. — Lac. Baikal, Lac. Oron.

*baicalensis*, Dybowski, Arch. Anat. Phys., 1873, p. 109, pl. II, III (cran.). — »

? *canina*, p., Pall., Zoog., 1831, p. 114. — »

2180. **caspica**, Gmel., Sys. Nat., I, 1788, p. 64 (vitulina Var. caspica); Nills., Vet. Ak. Handl., 1837; Archiv. Naturg., 1841, p. 313; Schinz, 1844; Wagner, 1846; Radde, Reis. Sud und Ost-Siber., I, 1862, p. 297—302; Gray, 1844—1866; Allen, N.-Am. Pinnip., 1880, p. 609 (nota). — Mare Caspium.

*canina* Var. *caspica*, Pall., Zoog., I, 1831, p. 116 (nota 1). — »

F. †**Phocanella**, Van Beneden, 1876.

2181. †**pumila**, Van. Ben., Bull. Acad. Belg., XLI, 1876, p. 799; Oss. Foss. Anvers, 1877, p. 70, pl. XIV. — †Pliocaen. Belgia.

2182. †**minor**, Van. Ben., Bull., l. c., 1876, p. 799; Oss. Foss., 1877, p. 70, pl. XIV. — †Pliocaen. Belgia et Anglia.

G. **Pagophilus**, Gray, 1850.

2183. **groenlandica**, Fabricius, Muller's Zool. Dan. Prodr., 1776, VIII; Fauna Groenl., 1780, p. 11; Skriv. Nat. Selsk., I, 1790, p. 87, pl. XII (cran.); Desm., Mam., 1820, p. 245, 376; Thien., Reise, 1824, p. 104, pl. 14—21; Bell, Brit. Quadr., 1874, p. 252, fig.; Macgill., B. Q., 1838, p. 209, pl. XIX; Blas., Fauna Deuts., 1857, p. 255, fig. 140, 141; Middendorff, 1867; Murie, P. Z. S., 1870, p. 604, pl. 32; F. Cuv., Mém. Mus., XI, 1824, p. 186, pl. XII, fig. 2; Gray, Hand-List, 1874, p. 6, pl. IV; Heuglin, Reis. Nordpol., III, 1874, p. 51; Allen, North-Am. Pinnip., 1880, p. 630, fig. 50, p. 633; Turner, Challeng. Report, 1887, p. 58; Nehring, S.-B. Ges. Naturf. Fr. Berl., 1896, p. 63. — In littoribus Oceani Artici circumpolaris, O. Atlantici et O. Pacifici, Jan Mayen, Spitzberg, Island, Europa sept. usque ad Finmark, fortuito ad Ins. Britannicas, Germania (in flum. Mulde); Groenland ad Americam sept. Newfoundland (Terra-Nova), Nova Scotia, fortuito usque ad New-Jersey; in O. Pacifico, Kamtschatka, Sitka.

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| Var. *nigra*, Kerr, An. Kingd., 1792, p. 125. | In littoribus Oceani Arctici circumpolaris etc. |
| *oceanica*, Lepechin, Act. Ac. Petrop., I, 1777, p. 295, pl. 7 et 8. | » |
| *semilunaris*, Bodd., Elench., 1785, p. 170. | » |
| *albicauda*, Desm., Mam. Suppl., 1822, p. 839. | » |
| *lagura*, G. Cuv., Oss. Foss., V, 1825, p. 206 (juv.); Gaimard, Voy., 1851, pl. 11 (cran.). | » |
| *Mulleri*, *Desmaresti* et *Pilayi*, Less., 1828. | » |
| *dorsata*, Pall., Zoog., 1831, p. 112. | » |
| ? *Albini*, Alexandra, Mem. Ac. Torino, II, 1850, p. 141, pl. I—IV (osteol.). | » |
| *annelata*, Gaimard (nec Nills.), 1851. | » |
| † *groenlandica foss.*, Kinberg, Vetens. Akad. Förh., 1869, p. 13; Leidy, Ext. Mam. Faun., 1869, p. 415; Dawson, Canad. Nat., VIII, 1877, p. 340; Jentzsch, Zeits. Deuts. Geol. Ges., XXXIX, 1887, p. 496; Gaudry, C.-R. Acad. Sc., XCI, 1890. | † Pleistocaen. Europa et America Septent.: Scandinavia, Gallia. Canada. |

H. † **Callophoca**, Van Beneden, 1876.

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| 2184. † **obscura**. Van Ben., Bull. Acad. Belg., XLI, 1876, p. 799; Oss. Foss. Anvers, 1877, p. 65, pl. XI.[1]) | † Pliocaen. Belgia. |

[1]) † »*Phoca Wymani, Ph. debilis, Ph. modesta,*« Leidy (1853—1869), sunt dentes *Squalodontium* **(Cetacea)**; vide infrà: *Squalodon Wymani.*

## Ordo VIII. **Rodentia.**

1876. — **Alston,** *On the Classification of the Order Glires,* — P. Z. S., 1876, p. 61—98.
1887. — **Winge,** *Rodentia fra Lagos Santa, Brazil,* [cum Appendice de Classif.]. — E Museo Lundii, III, 1887.[1])
1848. — **Waterhouse,** *Natural History of the Mammalia.* Vol. II. **Rodentia** (*Lagomorpha* et *Hystrichomorpha* tantum).
1877. — **Coues** et **Allen,** *Monograph of North-American Rodentia,* — U. S. Geol. Surv. Territ. (Final Reports), XI, 1877.
1889—1897. — North American Fauna (U. S. Dept. of Agricult.), passim.

Palaeontologia.

1884—1885. — **Schlosser,** *Die Nager des Europaeischen Tertiaers* (Palaeontographica), XXXI, 1884—85.

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### Familia I. **Anomaluridae.**

### Subfam. I. **Anomalurinae.**

#### 472. **Anomalurus,** Waterh., 1842.

1884. — **Huet,** *Observations sur le Genre* Anomalurus (Nouv. Arch. Mus., 2e S., VI, p. 277, 3 pl.).

2185. **Fraseri,** Waterh., P. Z. S., 1842, p. 124; Fraser, Zool. Typ., pl. 22; Alston, P. Z. S., 1875, p. 88, fig. p. 90 (pedes); Huet, Arch. Mus., 1884, p. 281, pl. 19, fig. 2 (cran., dent.). — Africa Occid., Fernando-Po, Gambia, Ashantis, Liberia.

*Derbyanus,* Gray, Ann. Nat. Hist., 1842, X, p. 262. — »

*squamicaudatus,* Schinz, Syn. Mam., 1844, p. 58. — »

*a.* — *Beldeni,* Du Chaillu, Proc. Boston Soc. Nat. Hist., 1860, VII, p. 303. — Gabon.

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[1]) Classificatio nova, sed insolita, in hoc libro proposita, hic non sequitur, nisi pro Generum extinctorum et familiae: *Pedetidae,* collocatione.

2186. **fulgens,** Gray, Ann. Nat. Hist., III, 1867, p. 469; Alston, P. Z. S., 1875, p. 96, pl. 21. — Africa Occid., Gabon.

2187. **erythronotus,** A. M.-Edw., C.-R. Acad. Sc. Paris, 1879, LXXXIX. p. 771; Huet, Arch. Mus., 1884, VI, pl. XXI et 19, fig. 1. — Gabon.

2188. **chrysophaenus,** Dubois, Bull. Soc. Zool. Paris, XIII, 1888, p. 23. — Africa Occid., Congo merid., Cabinda (Landana).

2189. **Pelii,** Temm., Verhandl. Nat. Ges. Ned. Bez., 1845, I, 2, p. 108; Esquisses Zool. Guinée, 1853, p. 146; Gervais, Mam., I, pl. 27, fig. p. 261 (cran.); Ann. Sc. Nat., 1853, XX, p. 242, pl. XIII; Alston, P. Z. S., 1875, p. 96; Huet, Arch. Mus., 1884, VI, p. 292. — Africa Occid., Fantis, Ashantis, Côte d'Or.

2190. **orientalis,** M.-B. Akad. Berlin, 1880, XLV, p. 164, pl. col.; Matschie, Säug. Ost-Afr., 1895, p. 45; Huet, Arch. Mus., 1884, VI, p. 291. — Africa oriental., Zanzibar; M$^s$ Nguru (Monda, Africa or.-centrali).

2191. **cinereus,** Thomas, Ann. Nat. Hist., XV, 1895, p. 188; Matschie, Säug. Ost-Afr., 1895, p. 45. — Africa Orient., Lac Nyasa, Flum. Rovuma sup.

2192. **Beecroftii,** Fraser, P. Z. S., 1852, p. 17, pl. 32; Alston, P. Z. S., 1875, p. 96; Huet, Arch. Mus., 1884, VI, p. 287, pl. XX et 19, fig. 3; Thomas, P. Z. S., 1887, p. 121; Jentink, Notes Leyd. Mus., X, 1887, p. 34. — Regione Ashantis, M$^s$ Camerons, Liberia (flum. Du Queah), Gabon.

*laniger,* Temm., Esq. Guinée, 1853, p. 149 (juv.). — »

2193. **pusillus,** Thomas, Ann. Nat. Hist., XX, 1887, p. 440; P. Z. S., 1888, p. 8, pl. I; Matschie, Säug. Ost-Afr., 1895, p. 45. — Africa centrali, Monbuttu.

2194. **sp.,** Matschie, S.-B. Ges. Naturf. Fr. Berlin, 1895, p. 4. — Africa orient., Uganda.

## 473. **Idiurus,** Matschie, 1894.

2195. **Zenkeri,** Matsch., S.-B. Ges. Naturf. Fr. Berlin, 1894, p. 194, fig. p. 198. — Cameron merid., Yaunde-Station.

## Subfam. 2. †Pseudosciurinae[1]).

### 474. †Pseudosciurus, Hensel, 1856.

*Palaeomeryx*, p., Jäger; *Microchoerus*, p., Jäger.

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| 2196. | †**suevicus**, Hensel, Zeits. Deuts. Geol. Ges., 1856, p. 660; Schloss., Palaeontographica, XXXI, 1884, p. 71, pl. 2; Zittel, Handb., p. 523, fig. 433; Winge, E Mus. Lund., III, 1887, p. 116 et 164. | †Miocaen. Württemberg, Suevia. |
| | *(Palaeomeryx) pygmaeus* et *(Microchoerus) erinaceus*, Jäger, 1839 et 1850. | » |
| 2197. | †**minor**, Schloss., Palaeont., l. c., 1884, p. 72. pl. 2. | †Miocaen. Gallia. |

### 475. †Sciuroïdes, Forsyth Major, 1873.

*Sciurus*, p. et *Theridomys*, p., Pictet, 1861.

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| 2198. | †**siderolithicus**, Pictet, 1861; Schloss., Palaeont., 1884, p. 59; Rütim., Abh. Schweiz. Pal. Ges., 1891, p. 90, pl. 6. | †Eocaen. Helvetia (Jura). |
| | *Rütimeyeri*, p., Pictet, 1861. | » |
| 2199. | †**Rütimeyeri**, Pictet, p., 1861; Schloss., Palaeont., 1884, p. 64, pl. I. | †Eocaen. Helvetia (Jura). |
| | *siderolithicus*, p., Pictet, 1861. | » |
| | *minor*, Fors. Major, Palaeont., 1873. | » |
| 2200. | †**minimus**, Rütimeyer, Eoc. Säug., 1862, p. 79, pl. V, fig. 81; F.-Major, Palaeont., 1873, p. 86, pl. III, fig. 7. | †Eocaen. Helvetia (Jura). |
| 2201. | †**Quercyi**, Schloss., Palaeont., 1884, p. 60, pl. I. | †Eocaen. Gallia merid. |
| 2202. | †**intermedius**, Schloss., Palaeont., 1884, p. 62, pl. I. | †Eocaen. Gallia merid. |
| 2203. | †**Fraasii**, F.-Major, Palaeont., 1873; Schloss., Pal., 1884, p. 63, pl. I, fig. 16, 21 (nec Rütimeyer). | †Miocaen. Württemberg. |

[1]) Fide Winge, l. c., 1887.

## Subfam. 3. †Trechomyinae[1]).

### 476. †Trechomys, Schlosser, 1884.

*Theridomys*, p., Filhol.

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| 2204. | †**insignis**, Schloss., Palaeont., 1884, p. 54, pl. III. | †Eocaen. Gallia merid. |
| | *platiceps*, Filhol (Theridomys). | » |
| 2205. | †**intermedius**, Schloss., Pal., 1884, p. 55, pl. III. | †Eocaen. Gallia merid. |
| 2206. | †**pusillus**, Schloss., Pal., 1884, p. 57, pl. III. | †Eocaen. Gallia merid. |
| 2207. | †**Bonduellii**, Lartet; Schloss., Pal., 1884, p. 56. | †Eocaen. Helvetia (Jura). |

## Subfam. 4. †Theridomyinae[1]).

### 477. †Theridomys, Jourdan, 1837.

*Myoxus*, p., Giebel; *Echimys*, p., Croizet; †*Perrieromys*, Croizet; †*Neomys*, Bravard; †*Isoptychus*, Pomel; †*Adelomys*, Gerv., etc.

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| 2208. | †**Cuvieri**, Giebel (Myoxus); »Loir des Platrières«, G. Cuv., Oss. Foss., III, p. 300, pl. 68, fig. 7; Pomel, Catal. Vert. Foss., 1854; Schloss., Palaeont., 1884, p. 42 et 79. | †Eocaen. (Oligoc.), Gallia sept. (Paris Montmartre). |
| 2209. | †**siderolithicus**, Pictet; Schloss., Palaeont., 1884, p. 39, pl. IV. | †Eocaen. Europa centrali. |
| | *Vaillanti*, Gerv., Zool. et Pal. Franç., 1852 (Theridomys et Adelomys). | » |
| | *Gaudini*, Pictet (Theridomys). | » |
| 2210. | †**gregarius**, Schloss., Palaeont., 1884, p. 34, pl. IV et VII. | †Oligocaen. Gallia. |
| 2211. | †**speciosus**, Schloss., Palaeont., 1884, p. 37, pl. IV. | †Oligocaen. Gallia. |
| 2212. | †**rotundidens**, Schloss., Pal., 1884, p. 38, pl. III et IV. | †Oligocaen. Gallia. |
| 2213. | †**Blainvillei**, Gerv., Zool. et Pal. Fr., 1853, pl. 47, fig. 18; Giebel, Odont., pl. 22, fig. 6 (Blainvilleomys et Cuvierimys, Bravard); Schloss., Pal., 1884, p. 41. | †Miocaen. Gallia. |

[1]) Fide Winge, l. c., 1887.

2214. †**aquatilis,** Aymard; Gerv., Zool. et Pal. Fr., 1852, pl. 47, fig. 19; Pomel, Catal., 1854, N° 21; Schloss., Pal., 1884, p. 41. — †Miocaen. Gallia.

2215. †**Jourdani,** Pomel (nec Giebel), Catal. Vert. Foss. Allier, 1854, N° 21; Schloss., Palaeont., 1884, p. 42. — †Miocaen. Gallia.

2216. †**Vassoni,** Pomel, Catal., 1854, N° 22 (Isoptychus); Schloss., Pal., 1884, p. 42. — †Miocaen. Gallia.

2217. †**antiquus,** Pomel, Catal., 1854 (Isoptychus); Schloss., Pal., 1884, p. 42. — †Oligocaen. Gallia.

2218. †**Auberyi,** Pomel, Catal., 1854, p. 36 (Isoptychus). — †Oligocaen. Gallia.

2219. †**breviceps,** Laiz. et Parieu, C.-R. Ac. Sc. Paris, 1839, VIII, p. 206; Jourdan, C.-R., l. c., 1837, V, p. 483; Gerv., Zool. et Pal. Fr., 1852; Pomel, Catal., 1854, N° 19 (Perrieromys, Croiz.; Echimys, p., Croiz.; Laiz. et Par.). — †Miocaen. Gallia merid.

2220. †**lembronicus,** Bravard; Gerv., Zool. et Pal. Fr., 1852, pl. 47, fig. 1—3 (Neomys); Giebel, Odont., pl. 22, fig. 18. — †Miocaen. Gallia.

2221. †**dubius,** Pomel, Catal., 1854, N° 20; Schloss., Pal., 1884, p. 43. — †Miocaen. Gallia.

2222. †**parvulus,** Schloss., Palaeont., 1884, p. 43, pl. VII. — †Miocaen. Wurttemberg.

### 478. †**Nesokerodon,** Schlosser, 1884.

*Issiodoromys,* p., Filhol.

2223. †**Quercyi,** Schloss., Palaeontographica, 1884, p. 19, pl. VII. — †Eocaen. Gallia merid.

2224. †**minor,** Filhol (Issiodoromys); Schloss., Palaeont., 1884, p. 18, pl. VII. — †Eocaen. Gallia.

### 479. †**Issiodoromys,** Croizet, 1840.

*Palanoema,* Pomel, 1854; *Cournomys,* Croizet.

2225. †**pseudanoema,** Gervais; Blainv., C.-R. Ac. Sc. Paris, 1840, X, p. 932; Gervais, Zool. et Pal. Franç., 1852. — †Miocaen. Gallia centrali.

*antiqua,* Pomel, Cat. Vert. Foss., 1854, N° 27 bis. — »

### 480. †**Dipoïdes,** Jaeger, 1835.

2226. †**Jaegeri,** Nom. nov. — †Miocaen. Germania (Wurtemberg).

*sp.,* Jaeger, Säug. Wurtemb., 1835, I, p. 17, pl. 3, fig. 41—51; Giebel, Allg. Zool., Säug., 1855, p. 601 (nota).

### 481. †**Protechimys,** Schlosser, 1884.

2227. †**gracilis.** Schloss., Palaeontographica, 1884, p. 46, pl. V. — †Eocaen. Gallia.

2228. †**major,** Schloss., Pal., 1884, p. 48, pl. V. — †Eocaen. Gallia.

2229. †**curvistriatus,** Laiz. et Par., C.-R. Ac. Sc., 1839, VIII, p. 206 (Echimys); Pomel, Catal., 1854, N° 24 (Taeniodus); Schlosser, Pal., 1884, p. 46. — †Eocaen. Gallia.

*breviceps,* p., Laiz. et Par. — »

### 482. †**Archaeomys,** Laiz. et Parieu, 1839.

*Palaeomys,* L. et P. (anteà, nec Kaup); *Gergoviomys,* Croizet; *Cuvierimys,* p., Brav.; *Meriones,* p., Gerv.

2230. †**arvernensis,** Laiz. et Par., C.-R. Ac. Sc., 1839, VIII, p. 206; Giebel, Faun. Vorw., 1847, p. 93; Pomel, Catal., 1854, N° 26 bis; Winge, E Mus. Lund., III, 1887, p. 117. — †Miocaen. Gallia centr.

*chinchilloïdes,* Gerv., Zool. et Pal. Fr., 1852, p. 28, pl. 47, fig. 13, 14. — »

2231. †**Laurillardi,** Gerv., Zool. et Pal. Fr., 1852, pl. 47, fig. 15, 16 (Meriones). — †Miocaen. Gallia.

### 483. †**Omegodus,** Pomel, 1854.

2232. †**echimyoïdes.** Pomel, Catal. Vert. Foss. Allier, 1854, N° 25 bis. — †Miocaen. Gallia centrali.

## Familia II. **Pedetidae.**

### 484. **Pedetes,** Illiger, 1811.

*Yerboa,* Forster, 1778; *Helamys,* F. Cuv., 1825; *Dipus,* p., Schreb. et Auct.

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| 2233. **caffer,** Pall., Spec. Nov. e Glir. Ord., 1778, p. 87; Schreb., Säug., IV, pl. 230; Illig., Prodr., 1811, p. 81; Smuts, Mam. Cap., p. 47; Brandt, Bull. Ac. Petersb., 1844, II, p. 232; Matschie, Säug. Ost-Afr., 1895, p. 46, fig. 26. | Africa Orient. et Merid.: Usandawi, Zambezia, Mozambica, Natal, Cafreria, Colonia Cap. B.-Sp., Angola. |
| *capensis,* F. Cuv., Mam., pl.; Forster, Svensk. Vet. Acad., 1778, p. 108, pl. III. | » |
| *typicus,* A. Smith, Ill. South-Afr. Zool., 1849. | » |

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## Familia III. **Sciuridae.**

1893. — **Forsyth Major.** — *On some Miocene Squirrels, with Remarks on the Dentition and Classifikation of the Sciuridae* (P. Z. S., 1893, p. 179—215, pl. VIII—XI).

### Subfam. 1. **Pteromyinae.**

### 485. †**Ailuravus,** Rütimeyer, 1891.

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| 2234. †**Picteti,** Rütim., Abh. Schweiz. Pal. Ges., XVIII, 1891, p. 94, pl. VII, fig. 18—19. | †Eocaen. Helvetia (Jura). |

### 486. †**Sciurodon,** Schlosser, 1884.

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| 2235. †**cadurcense,** Schloss., Palaeont., 1884, p. 74, pl. II, fig. 3, 10. | †Eocaen. Gallia merid. |

### 487. †**Decticadapis,** Lemoine,[1]) 1883.

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| 2236. †**sciuroïdes,** Lem., Bull. Soc. Géol., XI, 1883, p. 267, pl. VI; XIX, 1891, p. 289, pl. XI. | †Eocaen. Gallia orient. |

[1]) Genera 89 **(Plesiadapis),** 90 **(Protoadapis)** et 280 **(Plesiesthonyx),** sunt quoque **Rodentia** primigena, fide Schlosser et Forsyth Major (loc. cit., 1884 et 1893).

## 488. †**Allomys,** Marsh, 1877.

*Meniscomys,* Cope, 1878.

2237. †**nitens,** Marsh, Am. Journ. Sc., XIV, 1877, p. 253; Cope, Tert. Vert., 1884, p. 832, pl. LXIII, fig. 16, 17. — †Miocaen. America sept., Oregon.

2238. †**hippodus,** Cope, Proc. Am. Phil. Soc., 1878, p. 67; Tert. Vert., 1884, p. 828, pl. LXIII, fig. 7—10. — †Miocaen. Oregon.

2239. †**multiplicatus,** Cope, Proc. Am. Phil. Soc., 1878, XVIII, p. 68. — †Miocaen. Oregon.

2240. **liolophus,** Cope, Tert. Vert., 1884, p. 829, pl. LXIII, fig. 11. — †Miocaen. Oregon.

2241. **cavatus,** Cope, Tert. Vert., 1884, p. 830, pl. LXIII, fig. 12—15. — †Miocaen. Oregon.

## 489. **Eupetaurus,** Thomas, 1888.

2242. **cinereus,** Thomas, Journ. As. Soc. Bengal, LVII, part 2, 1888, p. 256, pl. XXII et XXIII; Jentink, Notes Leyd. Mus., XII, 1890, p. 143, pl. 7, fig. 1, 2; Blanf., Mam. Ind., 1888—91, p. 359, fig. 120. — Thibet Orient., Gilgit (2000 m. alt.), ? Kashmir.

## 490. **Pteromys,** G. Cuv., 1800.

*Sciuropterus,* p., Auct.

2243. **petaurista,** Pall., Misc. Zool., 1766, p. 54, pl. VI, fig. 1, 2 (partim, Specim. tantum ex Ind. cont. usque ad Tenasserim); Müll. et Schleg., Verhandl., 1839—44, p. 106; Jerdon, Mam., p. 174. — India tota usque ad Ceylon (in sylvis); Birma usque ad Tenasserim, Archip. Mergui.

*oral,* Tickell, Calc. Journ. Nat. Hist., II, 1842, p. 401, pl. XI; Kelaart, Prodr. Faun. Zeyl., p. 55; Anders., Zool. Yunnan, p. 279; Sternd., Journ. Bombay N. H. Soc., 1886, I, p. 69; Sclat., Cat. Mus. Calcut., II, 1891, p. 33; Blanf., Mam. Ind., 1891, p. 361, fig. 122. — »

*philippensis,* Gray (errore); Elliot, Madras Journ., X, 1839, p. 217. — »

*griseiventer,* Gray, List Mam., 1843, p. 133. — »

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| *a.* — Var. *cineraceus,* Blyth, J. A. S. B., XVI, 1847, p. 865; XXVIII, 1859, p. 276; Blanf., J. A. S. B., XLVII, p. 165; Anders., Zool. Yunn., p. 281; Thomas, P. Z. S., 1886, p. 67. | Arakan. |
| 2244. **nitidus,** Desm., Nouv. Dict. Hist. Nat., 1818, XXVII, p. 403; Gray, Ill. Ind. Zool., II, pl. XVII; Müll. et Schl., Verhand., p. 107, 112; Is. Geoff., Voy. Jacq., p. 65; Cantor; Blyth; Brandt; Horsf.; Zelebor; Anders., Zool. Yunn., p. 290; Thomas, P. Z. S., 1886, p. 73; 1889, p. 230; Jentink, Notes Leyd. Mus., XI, p. 26; Sclat., Cat. Mus. Calc., II, 1891, p. 36; Hose, Mam. Borneo, 1893, p. 41. | Indo-China, Siam, I. Formosa, Malacca (a Klang in Selangore), Sumatra, Java, Borneo, I. Natuna, Bunguran, I. Mentawei. |
| *petaurista,* p., Pall., Misc. Zool., 1766, p. 56. | » |
| *melanotis,* Gray, P. Z. S., 1836, p. 88; Anders., l. c., p. 292. | » |
| *melanopsis,* Motl. et Dillw., Contr. Nat. Hist. Labuan, 1855, p. 2. | » |
| *grandis,* Swinh., P. Z. S., 1862, p. 358, pl. XLV; 1870, p. 634. | » |
| 2245. **inornatus,** Is. Geoff., Voy. Jacq., Zool., 1844, p. 62, pl. IV; Wagner; Blyth; Jerdon; Lydekker, J. As. S. Beng., XLVI, p. 286; Blanf., Yark. Miss., p. 33; Mam. Ind., 1891, p. 363. | M$^{s}$ Himalaya Sept.-Occid., a Murri, Kumaon, Kashmir, Simla, Ladak, a Nipal (in montibus). |
| *albiventer,* Auct. (nec Gray in Hardw.); Wagner, in Hugel's Kashmir, IV, p. 573; Blyth; Anders., Zool. Yunn., 1878, p. 286; Sclat., Cat. Ind. Mus. Calc., II, 1891, p. 34, 35 (nec Gray in Hardw., Ill. Ind. Zool., 1834; nec P. Z. S., 1836, p. 88). | » |
| *magnificus,* Sclat. (nec Hodgs.), P. Z. S., 1872, p. 635, pl. I. | » |
| 2246. **magnificus,** Hodgs., Journ. As. Soc. Beng., V, 1836, p. 231; Is. Geoff., Voy. Jacquem., Zool., p. 65; P. L. Sclater, P. Z. S., 1872, p. 635, pl. I; Anders., Zool. Yunnan, 1878, p. 285; Blanf., Mam. Ind., 1891, p. 364, fig. 121; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 33, 35. | M$^{s}$ Himalaya a Nepal ad Sikkim et Khasia Hills, Assam (in montibus). |

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| *nitidus*, p., Hodgs., P. Z. S., 1835, p. 98. *nobilis*, Gray, Ann. N. H., 1842, X, p. 263; Blyth; Horsfield. *chrysothrix*, Hodgs., J. A. S. B., XIII, 1844, p. 67, pl. | M$^{s}$ Himalaya a Nepal ad Sikkim et Khasia Hills, Assam, (in montibus). |
| 2247. **caniceps**, Gray, Ann. Nat. Hist., X, 1842, p. 262; Blyth; Jerdon; Gray; Horsf.; Anders., Zool. Yunnan, 1878, p. 287; Blanf., Mam. Ind., 1891, p. 365; Sclat., Cat. Mam. Ind. Mus. Calc., II, 1891, p. 34, 36. *senex*, Hodgs., Calc. Journ. Nat. Hist., IV, 1844, p. 293; J. A. S. B., XIII, p. 68, pl. | M$^{s}$ Himalaya a Gurwhal, Landour, ad Sikkim; Darjeeling (700 m. alt.). » |
| 2248. **alborufus**, A. M.-Edw., C.-R. Ac. Sc., LXX, 1870, p. 342; Rech. Mam., 1872, p. 298, pl. XV A, fig. 1 et XLV; Anders., Zool. Yunnan, 1878, p. 284; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 33, 34. | Thibet oriental, Moupin, Batang, Tatsien-lou, Assam, Birma, Tenasserim. |
| 2249. **yunnanensis**, Anders., Ann. Nat. Hist., XVI, 1875, p. 282; Zool. Yunnan, 1880, p. 282, pl. 22; Blanf., Mam. Ind., 1891, p. 364. | Yunnan, Momien. |
| 2250. **melanopterus**, A. M.-Edw., Ann. Sc. Nat., Zool., VIII, 1867, p. 375; Rech. Mam., 1872, p. 168, pl. XV, XV A, fig. 2; Anders., Zool. Yunnan, 1878, p. 283; Büchner, Bull. Ac. Sc. S$^{t}$ Petersb., XIII, 1890, p. 152. *xanthotis*, A. M.-Edw., l. c., 1872, p. 301 (adult. senior). | China merid.-occidental., Tcheli, Thibet, Gansu, (M$^{s}$ prope urbem Ssi-gu). » |
| 2251. **xanthipes**, A. M.-Edw., Ann. Sc. Nat. Zool., 1867, p. 375; Recherches Mam., 1872, p. 171, pl. XIV et XV A, fig. 3, 3a, 3b; Anders., Zool. Yunnan, 1878, p. 295. | China merid.-occident., M$^{s}$ Tcheli. |
| 2252. **pectoralis**, Swinh., P. Z. S., 1852, p. 61; 1870, p. 634; Anders., Zool. Yunnan, 1878, p. 283. | Ins. Formosa. |
| 2253. **leucogenys**, Temm., Mon. Mam., Tabl. Méth., 1827, I, p. 27; Temm. et Schleg., Faun. Japon., 1847, p. 46, pl. XIII; Anders., Zool. Yunn., 1878, p. 289. | Japon. |
| 2254. **punctatus**, Gray, Ann. Nat. Hist., XVIII, 1846, p. 211; Blyth, J. A. S. B., XXVIII, p. 277; Blanf., Mam. Ind., 1891, p. 365; Thomas, Ann. Mus. Genov., 1892, p. 928. | Malacca, Birma, Karenni. |

2255. **elegans**, Temm., Coup d'oeil Faune Archip. Neerl., 1836, Introd., p. 16; Müll. et Schleg., Verhandl., p. 111, 112, pl. 16, fig. 1, 2, 3; Is. Geoff., Voy. Jacq., p. 65; Anders., Zool. Yunnan, 1878, p. 290. — Java, I. Nusa-Kambang.

## 491. **Sciuropterus**, F. Cuv., 1823; Thomas, 1886.[1])

*Pteromys*, p., Auct.

2256. **fimbriatus**, Gray, Ann. Nat. Hist., I, 1837, p. 584; P. Z. S., 1837, p. 67; Blyth; Horsf.; Jerdon; Scylly, P. Z. S., 1881, p. 204; Anders., Zool. Yunnan, 1878, p. 296; Alston, P. Z. S., 1879, p. 665; Blanf., Mam. Ind., 1891, p. 366. — Himalaya Sept.-Occident., a Gilgit, Chitral, Kashmir, Ladak, ad Kumaon, Simla; Afghanistan.

*Leachii*, Gray, P. Z. S., 1836, p. 88 (fide W. L. Sclater, 1891). — »

*a*. — ?*Baberi*, Blyth, J. A. S. B., XVI, p. 866; Anders., l. c., p. 297. — »

2257. **alboniger**, Hodgs., J. A. S. B., V, 1836, p. 231; Blyth; Horsf.; Jerdon; Anders., Zool. Yunnan, 1878, p. 298 (Pteromys); Thomas, P. Z. S., 1886, p. 59; Blanf., Mam. Ind., 1891, p. 367. — M$^{s}$ Himalaya a Nipal ad Assam, Yunnan, Siam, Cambodjia, ? Borneo.

*Turnbulli*, Gray, P. Z. S., 1837, p. 68. — »

2258. **nigripes**, Thomas, Ann. Nat. Hist., XII, 1893, p. 30. — I. Philippinas, Palawan.

2259. **pulverulentus**, Günther, P. Z. S., 1873, p. 413, pl. 38; Anderson, Zool. Yunn., 1878, p. 297; Hose, Mam. Borneo, 1893, p. 42. — Malacca, Pinang, Borneo (M$^{s}$ Dulit).

2260. †**albanensis**, F. Major, P. Z. S., 1893, p. 191, pl. X, fig. 1, pl. XI, fig. 3—5. — † Miocaen. Gallia merid.

2261. †**sansaniensis**, Lartet (Sciurus), Notice sur la Colline Sansan, 1851, p. 19; Filhol, Mam. Foss. Sansan, 1891, p. 36, pl. I, fig. 3; F. Major, P. Z. S., 1893, p. 192. — † Miocaen. Gallia merid.

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[1]) Genus a G.: **Pteromys** bene distinctum: Thomas, P. Z. S., 1886, p. 59, 60 (sub *S. albonigro*).

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| 2262. †**Depereti,** nom. nov. | †Pliocaen. Gallia merid. |
| *sp.* (Sciuroïdes), Depéret, Mém. Soc. Géol., Pal., I, 1890, p. 49, pl. VII, fig. 39, 39a; III, 1892, p. 121, pl. XII, f. 14; F. Major, P. Z. S., 1893, p. 192. | |
| 2263. **tephromelas,** Günther, P. Z. S., 1873, p. 413, pl. XXXVIII; Anders., Zool. Yunnan, 1878, p. 299; Thomas, P. Z. S., 1886, p. 74. | Malacca, Salangore, I. Pinang. |
| 2264. **phaeomelas,** Günther, P. Z. S., 1873, p. 413; Anders., Zool. Yunnan, 1878, p. 298; Hose, Mam. Borneo, 1893, p. 42 (Pteromys). | Borneo (ad flum. Baram). |
| 2265. **sagitta,** L., Syst. Nat., 1766, I, p. 88; Müll. et Schleg., Verhandl., 1839—44, p. 109, 113; Blyth; Thomas, P. Z. S., 1837, p. 75; Blanf., Mam. Ind., 1891, p. 367; Sclat., Cat. Mam. Ind. Mus. Calc., 1891, p. 39. | Birma, Pegu, Tenasserim, Malacca, Cambodjia. |
| *a.* — *Horsfieldii,* Waterh., P. Z. S., 1837, p. 87; Thomas, P. Z. S., 1892, p. 227 (nota); Hose, Mam. Borneo, 1893, p. 43. | Java. Borneo. |
| *b.* — *aurantiacus,* Wagner, Munch. Gel. Anz., XII, 1841, p. 438; Säug. Suppl., III, p. 225; Jentink, Notes Leyd. Mus., 1890, p. 150, pl. VII. | Banka. |
| *c.* — Var. *Darisoni,* Thomas, Am. N. Hist., XVII, 1886, p. 84; P. Z. S., 1886, p. 74, pl. VI; 1892, p. 227 (nota). | Malacca. |
| *d.* — *Phayrei,* Blyth, J. A. S. B., XXVIII, 1859, p. 278; Novit. Zool., I, 1894, p. 660. | Birma, Laos. |
| 2266. **Everetti,** Thomas, Naturae Novitates, II, 1895, p. 27. | I. Natuna, I. Bunguran. |
| *Phayrei,* p., Thomas, l. c., I, 1894, p. 660. | » |
| 2267. **Pearsoni,** Gray, Ann. Nat. Hist., X, 1842, p. 263; Horsf., 1851; Anders., Zool. Yunnan, 1878, p. 293, pl. 23 (Pteromys); Blanf., Mam. Ind., 1891, p. 369. | Himalaya Orient., Sikkim, Boutan, Assam, Cachar, Manipur, Yunnan (in montibus). |
| *sagitta,* p., Walk., Calc. Journ., III, 1843, p. 266. | |
| *villosus,* Blyth, J. A. S. B., XVI, 1847, p. 866; XXVIII, p. 278. | » |
| *kaleensis,* Swinhoe, P. Z. S., 1862, p. 359; 1870, p. 634. | I. Formosa. |

2268. **setosus,** Temm. et Schleg., Faun. Japon., 1847, Mam., p. 49; Jentink, Notes Leyd. Mus., XII, p. 145; Hose, Mam. Borneo, 1893, p. 43. — Sumatra (Padang), Borneo (Sarawak).

2269. **platyurus,** Jentink, Notes Leyd. Mus., XII, 1890, p. 145, 147, pl. 7, fig. 7, 8 (cran.). — Sumatra sept.-oriental., Deli.

2270. **Vordermanni,** Jentink, Notes Leyd. Mus., 1890, p. 150, pl. 7, fig. 13, 14 (cran.). — I. Billiton (inter Borneo et Banka).

2271. **fuscocapillus,** Blyth, J. A. S. B., XVI, 1847, p. 867; XXVIII, p. 278, 286; Jerdon; Anders., Zool. Yunnan, 1878, p. 294; Blanf., Mam. Ind., 1891, p. 368. — India merid., M$^{s}$ Nilgiris, Travancore.

*Layardi,* Kelaart, Journ. Ceyl. As. Soc., V, 1850, p. 215; Prod. Faun. Zeyl., p. 56; Blyth, J. A. S. B., l. c., p. 278. — Ceylon (in montibus).

2272. **spadiceus,** Blyth, J. A. S. B., XVI, 1847, p. 867; XXVIII, p. 278; XLIV, Extra-N°, p. 35; Anders., Zool. Yunnan, 1878, p. 300 (Pteromys); Thomas, P. Z. S., 1886, p. 75 (partim); Blanf., Mam. Ind., 1891, p. 368. — Arakan, Moulmein, Birma.

2273. **lepidus,** Horsf., Zool. Res., 1824, fig.; Fischer, Mam., 1829, p. 363 (Var.); Wagner, S. S. S., III, p. 226 (partim); Anders., Zool. Yunn., 1878, p. 301. — Java.

2274. **lugens,** Thomas, Annali Mus. Stor. Nat. Genova, XIV, 1895, p. 666. — I. Mentawei (Sumatra occid.), Sipora.

2275. **Hageni,** Jentink, Notes Leyd. Mus., XI, 1888, p. 26. — Sumatra Orient. Deli.

2276. **genibarbis,** Horsf., Zool. Res. Java, 1824, fig.; Anders., Zool. Yunnan, 1878, p. 301; Hose, Mam. Borneo, 1893, p. 44. — Java oriental, Borneo (Sarawak).

*sagitta,* p., Temm.; Less.; Müll. et Schl. — »

2277. **momoga,** Temm., Faun. Japon., 1847, p. 46, pl. 14; Anders., Zool. Yunnan, 1878, p. 303. — Japon.

2278. **volans,** L. Syst. Nat., 1766, I, p. 88; Pallas, Glir., 1778, p. 355; Zoogr., I, 1811, p. 190; Schreb., Säug., 1792, IV, p. 813, pl. 223; Blas., Fauna Deuts., I, 1857, p. 269; Eversmann; Radde; Anderson, Zool. Yunn., p. 302; Lilljeborg, 1874; — Europa et Asia septent., usque ad Scandinaviam, Livoniam, Rossiam sept.; Siberia usque ad fl. Lenam et Reg.

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| Büchner, Wiss. Res. Przewalski Reis., Säug. 1888, p. 3 (Pteromys). | Amour et usque ad Asiam centralem (Gansu). |
| *russicus,* Tiedem., Zool., I, 1808, p. 451. | » |
| *sibiricus,* Desm., Mam., 1820, p. 342. | » |
| *vulgaris,* Wagner, S. S. S., III, 1843, p. 228. | » |
| 2279. **sabrinus,** Shaw, Gen. Zool., I, 1801, p. 157; Richards., Zool. Journ., III, 1828, p. 519; Aud. et Bachm., Quadr., III, 1853, p. 202; Bangs, Proc. Biol. Soc. Wash., 1896, p. 162, pl. X, fig. 3. | America boreali, Canada, Nova-Scotia, usque ad Reg. New York sept. et New Hampshire merid. |
| *hudsonius,* Gem. (nec Pall.), Sys. Nat., 1788, I, p. 153; Baird, Mam. N.-Am., 1857, p. 288. | |
| *labradorius,* Ord, 1815 (nomen nudum). | » |
| *volucella* var. *hudsonius,* Allen, P. Bost. Soc. Nat. Hist., XVI, 1874, p. 289; Monog. N.-Am. Rodentia, 1877, p. 655. | » |
| 2279[b]. **silus,** Bangs, Proc. Biol. Soc. Wash., 1896, p. 163, fig. 29, p. 164, pl. X, fig. 6. | M[s] Alleghany (Virginia) ad 1070 m. alt. |
| 2279[c]. **volucella,** Pall., Nov. Sp. Glir., 1778, p. 351; Desm., Nouv. Dict., XXVII, 1818, p. 406; Aud. et Bachm., Quadr., I, 1849, p. 216, pl. 28; Baird, Mam. N.-Am., 1857, p. 286; Alston, Biol. Centr.-Am., 1880, p. 121. | America sept. et centrali, ab United-States, New York sept. et New Hampshire merid., ad Virginiam, Georgiam sept., Mexico, Guatemala. |
| *volans,* L., Syst. Nat., 1776, I, p. 85 (Mus), nec p. 88 (Sciurus); Jordan, Man. Vert., 1890, p. 324 (nota); Bangs, Proc. Biol. Soc. Washingt., 1896, p. 164, fig. 30, 31, pl. X, fig. 5. | |
| *volucella* Var. *volucella,* Allen, Proc. Bost. Soc., XVI, 1874, p. 189; Mon. N.-Am. Rodentia, 1877, p. 655. | » |
| *a.* — *Querceti,* Bangs, Proc. Biol. Soc. Wash., 1896, p. 166, fig. 32, pl. X, fig. 4. | Florida et Georgia merid. |
| *b.* — *alpinus,* Richards., Faun. Bor., 1829, pl. 18; Aud. et Bachm., l. c., III, pl. 143, fig. 2. | M[s] Saxosi. |
| *c.* — *oregonensis,* Bachm., Journ. Ac. Philad., 1839, VIII, p. 101; Aud. et Bachm., l. c., I, pl. 15. | America Occid., Reg. Washington, Oregon, California sept. |

## Subfam. 2. **Sciurinae.**

*Sciurinae* et *Arctomyinae*, Auct.

1882. — **Jentink**, *A Monograph of the Africa Squirrels*, — Notes Leyden Museum, IV, 1882.
1883. — **id.**, *List of the Specimens of Squirrels in the Leyden Museum*, — Notes Leyd. Mus., V, 1883.
1893. — **V. Bayley**, *The Prairie Ground Squirrels or Spermophiles of the Mississipi Valley*, — Bull. U. S. Dept. Agricult., N° 4, Washington, 1893, 2 pl.
1896. — **O. Banks**, *A Review of the Squirrels of East. North America*, — Proc. Biol. Soc. Washington, X, p. 145.
1878. — **J. A. Allen**, *Synonymatic List of the American Sciuri*, — Bull. U. S. Geol. and Geog. Surv., IV, p. 877.
1880. — **E.-L. Trouessart**, *Révision du Genre Ecureuil*, — Le Naturaliste, 1880, I, p. 290; — et Bull. U. S. Geol. Surv., VI, 1881, p. 301.

### 492. **Rheithrosciurus**, Gray, 1867.

2280. **macrotis**, Gray, P. Z. S., 1856, p. 341, pl. XLVI; Ann. Nat. Hist., XX, 1867, p. 272; Anders., Zool. Yunn., 1878, p. 277; Jentink, Notes Leyd. Mus., III, 1881, p. 169; Hose, Mam. Borneo, 1893, p. 53. — Borneo, Sarawak.

### 493. **Xerus**, Hempr. et Ehrenb., 1832; F. Major emend., 1893.

*Sciurus*, p., Auct.

#### A. **Protoxerus**, F.-Major, 1893.

2281. **Stangeri**, Waterh., P. Z. S., 1842, p. 127; Fraser, Zool. Typ., 1849, pl. 23; Gray, 1867 (Macroxus); Huet, 1880 (partim); Jentink, Notes Leyd. Mus., 1882, p. 6. — Africa Occid., Liberia, Côte d'Or, Dabocrom, Calabar, Gabon, Ashantis, Dongila, flum. Ovenga, Ogôoué, Mungo, Mbusa, Fernando-Po.

*caniceps*, Temm. (nec Gray), Esq., 1853, p. 127.

*Nordhoffi*, Du Chaillu, Proc. Bost. Soc. N. H., 1860, p. 363.

*eborivorus* et *subalbidus*, Du Chaillu, l. c., p. 363 et 365. — »

*Temminckii*, Anders., Zool. Yunn., 1878, p. 229 (nota). — »

" — *calliurus* (Buchh.), Peters, M.-B. Ak. Berl., 1874, p. 707; 1876, p. 485, pl. I; Matsch., Arch. Naturg., 1891, p. 353. — Cameron, Barombi.

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| 2282. **Ebii,** Temm., Esq. Zool. Côte de Guinée, 1853, p. 129; Jentink, Notes Leyd. Mus., IV, 1882, p. 10. | Africa Occid., Ashantis, Côte d'Or, Dabocrom, M$^{s}$ ad flum. Ovenga sup. |
| *Wilsoni,* Du Chaillu, Proc. Bost. Soc. Hist. Nat., VII, 1860, p. 364; Gray, 1861 (Macroxus). | |
| *Stangeri,* p., et *Ebii,* Huet, 1880. | » |
| 2283. **Aubinnii,** Gray, Ann. Nat. Hist., XII, 1873, p. 65; Jentink, Notes Leyd. Mus., IV, 1882, p. 12. | Africa Occid., Côte d'Or, Fantis, Liberia. |
| *Salae,* Jentink, Notes L. M., III, 1881, p. 63. | » |
| B. **Xerus,** pr. d. | |
| 2284. **rutilus,** Cretzchm., Rüpp., Atlas Reis. N.-O. Afr., I, 1826, p. 59, pl. 21; Jentink, Notes Leyd. Mus., IV, 1882, p. 41; Matsch., Säug. Ost-Afr., 1895, p. 38; Rhoads, Proc. Ac. Phil., 1896, p. 523. | Africa Orient. et Occid.: Nilo Albo, Abyssinia, M$^{s}$ Adel, Bogos, Keren, Massaoua, Somali, Zeila, Berbera, Nguruman, Kilimandjaro. |
| *brachyotus,* Hemp. et Ehrenb., Symb. Phys., 1828, Déc. I, pl. 9. | |
| *simplex,* Less., Mam., V, 1836, p. 402 (Spermosciurus). | |
| *rutilans,* Gray, List Mam., 1843, p. 144. | » |
| *dabagala,* Heugl., Nov. Act. Ac. Caes.-Leop., 1861, p. 4, pl. II, fig. 3. | » |
| *fuscus,* Huet. l. c., 1880, p. 139, pl. VI, fig. 1. | » |
| 2284$^{b}$. **flavus,** A. M.-Edw., Rev. Zool., 1867, p. 229; Huet, Arch. Mus., 1880, p. 140, pl. VI, fig. 2; Oustal., Mém. Soc. Zool., 1894, p. 75. | Africa Orient., Somali (nec Gabon). |
| 2285. **erythropus,** E. Geoff., Catal. Mam., 1803, p. 178; F. Cuv., Mam., 1830, pl. 239; Schinz, 1845 (partim); Temm., 1853 (part.); Jentink, Notes Leyd. Mus., IV, 1882, p. 43; Matsch., Säug. Ost-Afr., 1895, p. 38, fig. 21. | Africa Occ. et Orient.: Senegal, Sierra-Leone, Liberia, Côte d'Or, Ashantis, Loango, Burnu, Soudan, Ægyptus, Nubia, Bogos, Sennaar, Kordofan, Abyssinia, Ukamba, Zanzibar (Kitui). |
| *alborittatus,* Desm., Nouv. Dict., X, 1817, p. 110. | |
| *leucombrinus,* Rüpp., Neu. Wirb., 1840, p. 38. | |

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| *marabutus, prestigiator* et *pyrropus,* Less. (nec F. Cuv.), 1836. | Africa Occ. et Orient.: Senegal, etc. |
| *congicus,* Temm. (nec Kuhl), 1853; Huet, Arch. Mus., 1880, p. 135 (partim). | » |
| *Lessonii,* Fitzinger, 1867. | » |
| 2286. **capensis,** Kerr, An. Kingd., 1792, p. 266; Thunb., Mém. Acad. St Petersb., III, 1811, p. 309; Huet, Arch. Mus., 1880, p. 133; Jentink, Notes Leyd. Mus., IV, 1882, p. 48. | Africa australi, Reg. Namaqua, Masilikats, Lattaku, Griqua, Colonia Cap. Bonae-Spei. |
| *namaquensis,* Licht., Cat. Rer. Nat., 1793, p. 2. | » |
| *Levaillantii,* Kuhl, Beit. Zool., 1820, p. 67. | » |
| *ocularis,* Smith, Zool. Journ., IV, 1829, p. 439. | » |
| *setosus,* Smuts, Enum. Mam. Cap., 1832, p. 33 (part.); Gray, 1867 (Geosciurus). | » |
| *leucombrinus* et *setosus,* p., Wagn., 1843. | » |
| 2287. † **grivensis,** F. Major, P. Z. S., 1893, p. 191. | † Miocaen. Gallia merid. |

C. **Atlantoxerus,** F. Major, 1893.

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| 2288. **getulus,** Gessner, Icon. Anim., 1560; L., Sys. Nat., 1788, I, p. 150; Temm., Esq., 1853, p. 124 (nota); Gray, 1867; Gervais, Mag. de Zool., 1842, p. 4 (nota); Jentink, Notes Leyd. Mus., 1882, p. 126; Pomel, C.-R. Ac. Sc. Paris, CXIV, 1895, p. 153. | Africa sept., Marocco (Mogador), Reg. Haha, Algeria, Tunisia. |
| *trivittatus,* Gray, Ann. N. H., 1842, X, p. 264. | » |
| *praetextus,* Wagn., S. S. S., III, p. 216. | » |
| *setosus,* p., Gray, 1867. | » |

D. **Paraxerus,** F. Major, 1893.

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| 2289. **cepapi,** A. Smith, App. Rep. Exp., 1836, p. 43; Ill. S.-Afr. Zool., 1838, pl. V; Jentink, Notes Leyd. Mus., IV, 1882, p. 26; Matsch., Säug. Ost-Afr., 1895, p. 40. | Africa Orient et merid.: Bagamoyo, Usandawi. Kilimandjaro, Pangani, Mombaza, |
| *cepate,* Gray, List Mam., 1843, p. 140. | |

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| *superciliaris*, Wagn., S. S. S., III, 1843, p. 212 (nota); Fitzing., 1867 (Funambulus). | Zanzibar, Tette, flum. Limpopo, Masilikats, Damara, Miriqua, Colonia Cap. B.-Sp. |
| *annulatus*, p. et *congicus*, p., Gray, 1867. | |
| *mutabilis*, Huet (nec Peters), Arch. Mus., 1880, p. 143. | » |
| *multicolor*, p., Huet, l. c., p. 152. | » |
| 2290. **poensis**, A. Smith, S.-Afr. Quart. Journ., XI, 1839, p. 64; Temm., Esq. Côte Guinéa, 1853, p. 141; Gray, 1867 (Macroxus); Huet, Arch. Mus., 1880, p. 149, pl. VII, fig. 1; Jentink, Notes Leyd. Mus., IV, 1882, p. 28; True, Proc. U. S. Nat. Mus., 1892, p. 467. | Africa Occid., Liberia, Ashantis, Guinea, Côte d'Or, Rio Boutry, Elmina, Gabon, Fernando-Po. |
| *musculinus*, Temm., l. c., 1853, p. 142. | » |
| *pumilio* et *subviridescens*, Leonte, Proc. Ac. Philad., 1857, p. 11. | » |
| *olivaceus*, A. M.-Edw., Rev. Zool., 1867, p. 228. | » |
| *a*. — *sp. affinis*, Rhoads, Proc. Ac. Philad., 1896, p. 521. | Africa Orient., Lac Rudolf. |
| 2290[b]. **Bayoni**, B. du Bocage, Jorn. Sc. Lisb., 1890, II. p. 3. | Afr. Occ., Angola. |
| 2291. **palliatus**, Peters, M.-B. Akad. Wiss. Berlin, 1852, p. 273; Reis. Moss., Säug., p. 134, pl. 31, fig. 1 et 32, fig. 3; Gray, Ann. N. H., 1867, p. 330 (Macroxus); Jentink, Notes Leyd. Mus., IV, 1882, p. 16; Matsch., Säug. Ost-Afr., 1895, p. 42. | Africa Orient., Reg. Gallas, flum. Pangani, Muniuni, Bagamoyo, Usaramo sept., Zanzibar, Mozambica, Natal. |
| *ornatus*, Gray, P. Z. S., 1864, p. 13, pl. I. | » |
| *annulatus* Var. *Frerei*, Gray, Ann. N. H., XII, 1873, p. 265 (Macroxus). | » |
| 2292. ? **mutabilis**, Peters, M.-B. Ak. Wiss. Berl., 1852, p. 273; Reis. Moss., Säug., p. 131, pl. 30 et 32, fig. 2; Fitz., 1867 (Funambulus); Jentink, Notes Leyd. Mus., IV, 1882, p. 18; Thomas, P. Z. S., 1894, p. 140; Matsch., Säug. Ost-Afr., 1895, p. 41. | Africa Orient., Kahe, Pangani, Kilimandjaro, flum. Chire, Sena, Zambesia, Nyasaland, Zomba, Mozambica, Boror. |
| *Stangeri*, Var., Gray, 1867 (Macroxus). | |

2293. **pyrropus**, F. Cuv., Mam., 1833, pl. 240; Lesson, Hist. Nat. Mam., V, 1836, p. 400; Wagn., S. S. S., III, p. 215; Gray, 1867; Jentink, Notes Leyd. Mus., IV, 1882, p. 31; Var. *typ.*, Thos., P. Z. S., 1890, p. 447.

*leucogenys*, Waterh., Ann. N. H., 1842, p. 202.

*rubripes*, Du Chaillu, Proc. Bost. Soc. Nat. Hist., 1860, VII, p. 366.

Africa Occid., Senegambia, Liberia, Ashantis, Côte d'Or, Dabocrom, Elmina, Accra, Akim, Fantis, Calabar, Gabon, Fernando-Vaz, Congo, Mombuttu, Angola, Kuango.

*a*. — *leucostigma*, Temm.; Thomas, P. Z. S., 1890, p. 447.

Biafra.

*b*. — *erythrogenys*, Waterh., P. Z. S., 1842, p. 129; Fraser, Zool. Typ., 1849, pl. 25.

I. Fernando-Po.

*c*. — *anerythrus*, Thos., P. Z. S., 1890, p. 447.

Lac. Albert-Nyanza ad rip. merid. Cameron.

2293[b]. **auriculatus**, Matschie, Archiv. Naturg., 1891, p. 353.

2293[c]. **Emini**, De Winton, Ann. Nat. Hist., XVI, 1895, p. 197.

Afr. Or.-Centr., Mombuttu.

2294. **Pauli**, Matschie, S.-B. Ges. Natur. Fr. Berlin, 1894, p. 256; Säug. Deuts. Ost-Afr., 1895, p. 41, fig. 23.

Africa Orient., Usambara, Tanga.

2295. **congicus**, Kuhl, Beitr. Zool., 1820, p. 66; Lesson, Mam., V, 1836, p. 401; Wagn., S. S. S., III, p. 217 (nota); Gray, 1867 (Macroxus); Jentink, Notes Leyd. Mus., IV, 1882, p. 33; Matsch., Säug. Ost-Afr., 1895, p. 39, fig. 22.

Africa Occid. et Orient.: Congo, Angola, Mossamedes, flum. Cuneni, Zambezia, Cabaceira, Mozambica, Zanzibar, Bagamoyo, Mombaza, Usaramo, Dar-es-Salaam.

*flavivittis*, Peters, M.-B. Ak. Wiss. Berlin, 1852, p. 274; Reis. Moss., Säug., p. 128, pl. 29 et 32, fig. 4; Temm., 1853; Fitzing., 1867 (Funambulus).

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*ochraceus*, Huet, Nouv. Arch. Mus., 1880, p. 154, pl. VII, fig. 2.

2296. **Boehmi**, Reichw., Zool. Anz., 1886, p. 315; Noack, Zool. Jahrb., 1887, II, p. 251; Thos., P. Z. S., 1888, p. 9; Matschie, Säug. Deuts. Ost-Afr., 1895, p. 42, fig. 24.

Africa Orient., Uramba, in Silvis ad sept. Victoria-Nyansa, (a 4° lat. sept. in occid. rip. fl. Bahr-el-Djebel).

*lemniscatus*, p., Leche (nec Le Conte), Zool. Jahrb., III, 1887, p. 117, pl. III.

2297. **lemniscatus**, Leconte, Proc. Ac. Philad., 1857, p. 11; Jentink, Notes, Leyd. Mus., IV, 1882, p. 36.

Africa Occid., M[s] Cameron (ad 2250 m. altit.),

*sharpei*, Gray, Ann. Nat. Hist., XII, 1873, p. 265. — Gabon, Ogôoué, Chinxoxo, Angola, Kuango.

*a.* — *isabella*, Gray, P. Z. S., 1862, p. 180, pl. XXIV.

E. **Eoxerus**, F. Major, 1893.

*Funambulus*, Lesson, 1836.

2298. **palmarum**, L., Syst. Nat., 1766, I, p. 86; Sykes, P. Z. S., 1831, p. 103; Blanf., East. Persia, p. 50; Anderson, Zool. Yunn., p. 257; Jentink, Notes Leyd. Mus., V, 1883, p. 138; Thomas, P. Z. S., 1886, p. 56; Blanf., Mam. Ind., 1891, p. 383 (Sciurus); F. Major, P. Z. S., 1893, p. 189 (Eoxerus). — India tota (prope habitationes), a Teraï ad Cap Comorin (nec Malabar nec ad Orient. Sinus Bengalensis); in Occid. usque ad Sind, Beloutchistan, Persia Orient. (Pishin).

*penicillatus*, Leach, Zool. Misc., I, 1814, p. 6, pl. I. — »

*indicus*, Lesson, Cent. Zool., 1831, pl. 43. — »

*a.?* — Var. *Brodiei*, Blyth, J. A. S. B., XVIII, 1849, p. 602; Kelaart, Faun. Zeyl., p. 53. — Ceylon.

*Kelaarti*, Layard, J. A. S. B., XVIII, 1849, p. 602; Kelaart, l. c., p. 53. — Ceylon.

*tristriatus*, p., Sclat., 1891. — »

*b.* *obscurus*, Pelz. et Kohl. Verh. Z.-B. Wien, 1886, p. 525. — Ceylon (in montibus).

2299. **tristriatus**, Waterh., Mag. Nat. Hist., 1837, I, p. 496; P. Z. S., 1839, p. 118; Kelaart, Faun. Zeyl., p. 51; Anders., Zool. Yunn., p. 258; Jentink, Notes Leyd. Mus., V, 1883, p. 137; Blanf., Mam. Ind., 1891, p. 384. — India, Sikkim, Travancore, Malabar (in sylvis), India Centrali et Meridionali, Ceylon.

*Dussumieri*, A. M.-Edw., Rev. Zool., XIX, 1867, p. 226 (Tamias); [exclus. omnibus aliis synon., fide Blanford]. — »

2300. **Layardi**, Blyth, J. A. S. B., XVIII, 1849, p. 602; Kelaart, Faun. Zeyl., p. 53; Anders., Zool. Yunn., p. 260; Blanf., Mam. Ind., 1891, p. 385; Sclat., Cat. Mus. Calc., 1891, p. 26. — Ceylon (in montibus), Travancore.

*tristriatus*, p., Jentink, 1883. — »

2301. **sublineatus**, Waterh., P. Z. S., 1838, p. 19; Anders., Zool. Yunn., p. 260; Jentink, Notes Leyd. Mus., 1883, p. 136; Blanf., Mam. Ind., 1891, p. 385. — India merid. in montibus, Wynaad, Nilgeris, Travancore; in sept. usque ad Coorg; Ceylon (supra 1000 m. altit.).

*Delesserti*, Gervais, Bull. Soc. Philom., 1841; Mag. Zool., 1842, pl. I.

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| *trilineatus* (Waterh.), Blyth, J. A. S. B., XX, 1851, p. 165; Kelaart, Faun. Zeyl., p. 54. | Africa Occid., Ms Cameron etc. |
| 2302. **Macclellandii,** Horsf., P. Z. S., 1839, p. 152; Swinhoe, P. Z. S., 1862, p. 357; 1870, p. 232, 634; 1872, p. 818; Anders., Zool. Yunn., p. 263; Jentink, Notes Leyd. Mus., 1883, p. 139; Thomas, P. Z. S., 1886, p. 61, 71; Blanf., Mam. Ind., 1891, p. 386. | Ms Himalaya Or., Sikkim, Darjiling usque ad Chinam, Formosa, Haïnan, Assam, Cachar, Manipur, Tenasserim, Cochinchina, Cambojia, Siam, Malacca. |
| *Pembertonii,* Blyth, J. A. S. B., XI, 1842, p. 887. | |
| *leucotis,* Temm., Esq., 1853, p. 252 (Tamias). | |
| *Rodolphi,* A. M.-Edw., Rev. Zool., 1867, p. 227. | » |
| *a.* — Var. *Barbei,* Blyth, J. A. S. B., XVI, 1847, p. 875; Blanford, XLVII, p. 164; Thomas, Ann. Mus. Genova, 1892, p. 935. | Tenasserim, Carin et Kakhyen Hills. |
| *b.* — Var. *Swinhoei,* A. M.-Edw., Rech. Mam., 1868, p. 308. | Thibet, Moupin, China Occid., Tingchou, Kiangsi, Fokien, Canton. |
| 2303. **Berdmorei,** Blyth, J. A. S. B., XVIII, 1849, p. 603; XXXI, p. 333; Anders., Zool. Yunn., p. 261; Jentink, Notes Leyd. Mus., V, 1883, p. 137; Thomas, P. Z. S., 1886, p. 71; Anders., J. Linn. Soc., XXI, p. 340; Blanf., Mam. Ind., 1891, p. 387. | Indo-China, Tenasserim a Martaban ad Archip. Mergui, Cochinchina, Cambojia. |
| *Mouhoti,* Gray, P. Z. S., 1861, p. 137. | » |
| *pyrrhocephalus,* A. M.-Edw., Rev. Zool., XIX, 1867, p. 225. | » |
| 2304. **insignis,** F. Cuv., Mam., 1821, pl. 233; Horsf., Zool. Res., pl.; Mull. et Schl., Verh., p. 87, 99; Anders., Zool. Yunn., p. 262; Jentink, Notes Leyd. Mus., V, 1883, p. 136; Thomas, P. Z. S., 1886, p. 78; Sclat., Cat. Mam. Mus. Calc., 1891, p. 28; Hose, Mam. Borneo, 1893, p. 50. | Malacca a Salangore usque ad merid. part., Sumatra, Java, Borneo. |
| 2305. **Hosei,** Thomas, Ann. Nat. Hist., X, 1892, p. 215; Hose, Mam. Borneo, 1893, p. 49. | Borneo sept., Ms Balu (1700 m. altitud.). |

F. **Rhinosciurus**, Gray, 1843.

2306. **laticaudatus**, Müll. et Schl., Verh., 1839. p. 100, pl. 15, fig. 1—3; Jentink, Notes Leyd. Mus., V, 1883, p. 140; Thomas, P. Z. S., 1886, p. 78; Hose, Mam. Borneo, 1893, p. 49. — Malacca. (in sept. usque ad Klang), Borneo Occid. et Sept., Sarawak.

*tupaioïdes*, Gray, List Mam., 1843, p. 195; Ann. N. H., 1867, XX, p. 286; Anders., Zool. Yunnan, 1878, p. 275. — »

2307. **Davidianus**, A. M.-Edw., Rev. Zool., 1867. p. 225; Rech. Mam., 1868, p. 160. — China sept., Pekin.

## 494. **Sciurus**, L., 1766.

A. **Eosciurus**, Trt., 1880; F. Major, 1893.

2308. **indicus**, Erxleb., Sys. Regn. An., 1777, p. 420; Anders., Zool. Yunn., 1878, p. 222; Jentink, Notes Leyd. Mus., V, 1883, p. 106; Thomas, P. Z. S., 1886, p. 60; Blanf., Mam. Ind., 1891, p. 371, 372 (Var. typica); Trouess., Le Natur., I, 1880, p. 190 (subg.). — India in merid. ripa flum. Gange a Cuttack ad Travancore.

*purpureus*, Zimm., Sp. Geog. Quad., 1788, p. 518. — »

*Elphinstoni*, Sykes, P. Z. S., 1831, p. 103; Fraser, Zool. Typ., 1849, pl. 26. — »

*a*. — Var. *maximus*, Gmel., Sys. Nat., 1788, I, p. 149; Jerdon; Anders., l. c., p. 223 (nec Schreb.). — Malabar, Nepal Teraï, Manipur.

*b*. — Var. *malabaricus*, Schinz, Syn. Mam., II, 1845. — »

2309. **bicolor**, Sparrm., Götheb. Vet. Sev. Handl., I, 1778, p. 70; Horsf., Zool. Res., 1824, pl.; Müll. et Schleg., Verhandl., p. 85, 88; Anders., Zool. Yunn., p. 215; Jentink, Notes Leyd. Mus., V, p. 108; XI, p. 27; Thomas, P. Z. S., 1886, p. 67, 75; Blanf., Mam. Ind., 1891, p. 373; Sclat., Cat. Mam. Mus. Calc., 1891, p. 7 (Var. a). — Birma merid., Tenasserim, Malacca, Sumatra, Java.

*javensis*, Zimm., Geog. Ges., II, 1780, p. 342. — »

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| *b.* — *giganteus,* Mac Clell., P. Z. S., 1839, p. 150; Anders., l. c., p. 220; Jentink, l. c., V, p. 107. | Ms Himalaya a Nipal ad Assam, Birma sept. |
| *bicolor,* p., Wagn., S. S. S., III, 1843, p. 191. | » |
| *macruroïdes,* Hodgs., J. A. S. B., X, 1841, p. 915. | » |
| *c.* — *nanogigas,* Thom. et Hartert, Novit. Zool., II, 1895, p. 491. | I. Natuna. |
| *d.* — *albiceps,* Desm., Nouv. Dict. Hist. Nat., X, 1817, p. 105; Jentink, Notes Leyd. Mus., V, 1883, p. 110. | Cochinchina, Siam, Malacca, Sumatra, Java. |
| *bicolor,* p., Anders., 1878; Blanf. et W. Sclat. (1891). | » |
| *Leschenaulti,* Desm., Mam., 1820, p. 335. | » |
| *affinis,* Raffles, Linn. Trans., XIII, 1822, p. 259. | » |
| *hypoleucus,* Horsf., Zool. Res., 1824; Mull. et Schl., Verh., p. 90. | » |
| *auriventer,* Is. Geoff., Mag. Zool., 1832, pl. V; Voy. Belang., Zool., 1834, p. 150. | » |
| *humeralis,* Coulon, Mém. Soc. S. N. Neufchat., 1835, I, p. 122, pl. VIII. | » |
| *e.* — *ephippium,* Mull., Tijds. Natuur. Ges., 1838, p. 147; Verhandl., p. 91, pl. XIII; Hose, Mam. Borneo, p. 44. | Borneo, (1000 m. altit.) |
| *f.* — *bunguranensis,* Thos. et Hart., Novit. Zool., I, 1894, p. 658. | I. Bunguran. |
| 2310. **macrourus,** Pennant, Ind. Zool., 1769, p. 31, pl. I; Gray, Ill. Ind. Zool., II, pl. 19; Kelaart, Prodr. Faun. Zeyl., p. 49; Anders., Zool. Yunn., 1878, p. 224; Blanf., Mam. Ind., 1891, p. 374. | India merid. (in montibus), Ms Nilgiris, Shevaroys, Ghatts, Travancore, Ceylon. |
| *zeylanicus,* Ray, Syn. Quadr., 1693, p. 265; Jentink, Notes Leyd. Mus., V, 1883, p. 113. | » |
| *ceylonicus,* Erxleb., S. R. A., 1777, p. 416. | » |
| *maximus,* p., Wagn., S. S. S., III, 1843, p. 188. | » |

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| *bicolor*, p., Schinz, 1845. | India merid. (in montibus) etc. |
| *Tennantii*, Blyth, J. A. S. B., XVIII, 1849, p. 600; Kelaart, l. c., p. 50 (Var. nigra). | |
| *albipes*, Blyth, J. A. S. B., XXVIII, 1859, p. 287. | » |

B. **Heliosciurus**, Trt., 1880; emend., 1897.

*Sectio α*, F. Major, 1893.

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| 2311. **rufobrachiatus**, Waterh., P. Z. S., 1842, p. 128; Fraser, Zool. typ., 1849, pl. 24; Huet, Arch. Mus., 1880, p. 144 (partim.); Jentink, Notes Leyd. Mus., 1882, p. 14; Matschie, Säug. Ost.-Afr., 1895, p. 43. | Africa Occid., Liberia, Côte d'Or, Guinea, Rio Boutry, Calabar, Cameron, Gabon, Dongila, Fernando-Po, Angola, Kuango; Africa Or.-centrali, Uganda. |
| *maculatus*, Temm., Esq. Côte Guinée, 1853, p. 130. | |
| *rubrobrachiatus*, Temm., l. c., p. 136. | |
| *Aubryi*, A. M.-Edw., Rev. Zool., 1867, p. 228 (juv.); Huet, l. c., p. 150. | » |
| *isabellinus* et *rufobrachiatus* (part.), Gray, 1867 (Macroxus). | » |
| *rufobrachium*, Fitzing., 1867 (Funambulus). | » |
| 2312. **shirensis**, Gray, Ann. Nat. Hist., XX, 1867, p. 327; Jentink, Notes Leyd. Mus., IV, 1882, p. 20. | Africa Orient., ad flum. Chiré. |
| 2313. **annulatus**, Desm., Mam., 1820, p. 338; Temm., Esq. Côte Guinée, 1853, p. 137; Huet, Arch. Mus., 1880, p. 150; Jentink, Notes Leyd. Mus., IV, 1882, p. 23; Matschie, Säug. Ost-Afr., 1895, p. 40. | Africa Occid. et Orient.: Senegal, Gambia, Fernando-Po; Abyssinia, Tigré, Nilo super., Sennaar, Choa, Uganda. |
| *gambianus*, Ogilby, P. Z. S., 1835, p. 103. | |
| *multicolor*, Rüpp., Neu. Wirb., 1835—40, p. 38, pl. 13. | » |
| *annularis*, Schinz, Syn. Mam., 1845, II, p. 14. | » |
| *bongensis*, Heuglin, Reis. N.-O. Afr., II, 1877, p. 59. | » |
| *rufobrachiatus*, p. et *multicolor*, Huet, 1880. | » |

2314. **punctatus**, Temm., Esq. Côte de Guinée, 1853, p. 138; Gray, Ann. Nat. Hist., XX, 1867, p. 328 (Macroxus); Jentink, Notes Leyd. Mus., IV, 1882, p. 21. — Africa Occid., Liberia, I. Banana, Ashantis, Guinea, Rio Boutry, Elmina, Fantis, Gabon, Dongila, Ogôouë, Chinoxo.

*rufobrachiatus*, p., Huet, 1880.

2315. **undulatus**, True, Proc. U. S. Nat. Mus., XV, 1892, p. 465, fig. 3 (cran.). — Africa Orient., Kilimandjaro.

## C. **Heterosciurus**, Trt, 1880.

2316. **erythraeus**, Pall., Nov. Sp. Glir., 1778, p. 377; Blyth, J. A. S. B., XVI, p. 872; XXIV, p. 473; Anders., Zool. Yun., p. 236; Jentink, Notes Leyd. Mus., V, 1883, p. 119; Thomas, P. Z. S., 1886, p. 61; Sclat., Cat. Mam. Mus. Calc., II, 1891, p. 15; Blanf., Mam. Ind., 1891, p. 377. — Indo-China ab Assam, Garo Hills, Cachar, Manipur, Birma sup., ad Chinam.

*hippurus*, Mac Clell. (nec Is. Geoff.), P. Z. S., 1839, p. 151. — Khasia Hills.

*a.* — Var. *erythrogaster*, Blyth, J. A. S. B., XI, 1842, p. 970. — Manipur.

*b.* — Var.? *piceus*, Peters, P. Z. S., 1866, p. 429. — Cachar.

*punctatissimus*, Gray, Ann. N. H., XX, 1867, p. 283. — »

2317. **Finlaysonii**, Horsf., Zool. Res., 1824; Thomas, Ann. Mus. Genova, 1892, p. 931. — Indo-China. Birma sept., Bamo, Rangoon, Arakan, Pegu, Malacca, Siam, Bangkok, Cambojia, I. Pulo-Condor, I. Sichang.

*ferrugineus*, F. Cuv., Mam., 1829, pl. 238; Anders., Zool. Yunn., p. 243; A. M.-Edw., Bull. Soc. Phil., 1877, p. 16; Sclat., Cat. Mam. Mus. Calc., 1891, II, p. 22.

*Keraudreni*, Less., Cent. Zool., 1829, pl. I.

*splendidus* et *splendens*, Gray, A. N. H., 1842, X, p. 262. — »

*cinnamomeus*, Temm., Esq., 1853, p. 250. — »

*siamensis*, Gray, A. N. H., 1860, V, p. 500 (juv.). — »

*a.* — Var. *Germani*, A. M.-Edw., Rev. Zool., 1867, p. 193 (Var. nigra). — »

*b.* — Var. *Bocourti*, A. M.-Edw., l. c., 1867, p. 194. — »

*leucogaster*, A. M.-Edw., l. c., p. 196 (juv.). — »

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| *c.* — Var. *Sladeni*, Anders., P. Z. S., 1871, p. 139; Zool. Yun., p. 243, pl. XX; Sclat., Cat. Mam. Mus. Calc., 1891, p. 18; Thos., Ann. Mus. Genova, 1892, p. 932 (sub Sc. Finlaysonii). | Birma sup., Thighyain. |
| *d.* — ?*atrodorsalis*, Jentink (nec Gray), Notes Leyd. Mus., V, 1883, p. 122. | Nipal, Turkestan, China, Formosa. |
| 2318. **castaneoventris**, Gray, Ann. N. H., X, 1842, p. 263; Swinh., P. Z. S., 1870, p. 231, 633; Anders., Zool. Yunn., p. 238; Jentink, Notes Leyd. Mus., 1883, p. 123; Sclat., Cat. Mus. Calc., II, 1891, p. 17 (verisimiliter ad *Sc. erythraeum* conjungendus). | China Occid., Amoy, I. Formosa, I. Haïnan. |
| *griseopectus*, Blyth, J. A. S. B., XVI, 1847, p. 873; Swinh., P. Z. S., 1870, p. 634; 1872, p. 818. | » |
| *erythraeus*, p., Swinh., P. Z. S., 1862, p. 357. | » |
| 2319. **melanogaster**, Thomas, Ann. Mus. Stor. Nat. Genova, XIV, 1895, p. 668. | I. Mentawei (prope Sumatra). |
| 2320. **quinquestriatus**, Anders., P. Z. S., 1871, p. 142, pl. X; Zool. Yun., p. 266; Jentink, Notes Leyd. Mus., V, 1883, p. 123; Thomas, Ann. Mus. Genova, 1892, p. 930. | Birma sept., Yunnan, M$^{s}$ Kakh (1700 m. altit.) |
| 2321. **Gordoni**, Anders., P. Z. S., 1871, p. 140; Zool. Yunn., 1878, p. 240, p. XIX; Thomas, Ann. Mus. Genova, 1892, p. 930. | Birma sept., Bhamo, Ava, Assam sup. |
| 2322. **flavimanus**, Is. Geoff., Mag. Zool., 1832, p. 1; Voy. Bélang. Zool., p. 148; Gervais, Voy. Bonite, 1841, p. 40; Blyth, J. A. S. B., XVI, p. 872. | Tenasserim sept., Tavoy, Amherst, Moulmein, M$^{t}$ Mooleyet, (exclus. aliis indicat. localit.). |
| *a.* — *atrodorsalis*, Gray, Ann. N. H., X, 1842, p. 263; Anders., Zool. Yun., p. 233; Jentink, Notes Leyd. Mus., V, 1883, p. 122 (partim, exclus. syn. et habitat.); Thomas, P. Z. S., 1886, p. 70; Ann. Mus. Genova, 1892, p. 929; Sclat., Cat. Mus. Calc., II, 1891, p. 15; Blanf., Mam. Ind., 1891, p. 382. | |
| *b.* — Var. *hyperythrus*, Blyth, J. A. S. B., XXIV, 1855, p. 474; XXXI, p. 333. | » |

2323. **hippurus,** Is. Geoff., Etud. Zool., 1832, 1, N° 6, pl. 6; Anders., Zool. Yunn., 1878, p. 241; Jentink, Notes Leyd. Mus., V, 1883, p. 118; Hose, Mam. Borneo, 1893, p. 45. — Malacca, Java, Sumatra, I. Natuna.

*rufogaster,* Gray, Ann. N. H., 1842, X, p. 263. — »

*a.* — Var. *borneensis,* Gray, Ann. N. H., 1867, XX, p. 283. — Borneo.

2324. **Pryeri,** Thomas, Ann. Nat. Hist., X, 1892, p. 214; Hose, Mam. Borneo, 1893, p. 45. — Borneo sept., flum. Sapugaia, Sandakan.

2325. **Prevostii,** Desm., Mam., 1820, p. 335; Waterh., P. Z. S., 1842, p. 116; Anders., Zool. Yun., p. 269; Jentink, Notes Leyd. Mus., V, 1883, p. 31; XI, 1889, p. 27; Thomas, P. Z. S., 1886, p. 76; Sclat., Cat. Mus. Calc., II, 1891, p. 23. — Malacca, Sumatra, Natuna, Banka, Billiton (introduct.), Borneo.

*Rafflesii,* Vig. et Horsf., Zool. Journ., 1828, IV, p. 113, pl. IV; Mull. et Schl., Verh., p. 93; Temm., Esq., p. 242. — »

*redimitus,* Boon Mensch, Verh. Ned. Inst., 1829, II, p. 243, pl. 1; Temm., Esq., p. 245. — ? Celebes.

*rufogularis* et *rufonigra,* Gray, 1842. — »

*sarawakensis* et *pluto,* Gray, 1867 (Var. nigra). — »

*erythromelas,* Temm., Esq., p. 248; Ned. Tijds., 1863, I, p. 25—29, pl. II, fig. 2. — »

*atricapillus* et *erythrogenys,* Schleg., Ned. Tijds., 1863, pl. II, fig. 1 et 3. — »

*a.* — Var. *sumatrana,* Schleg., l. c., 1863, pl. I, fig. 1 (typus). — »

*b.* — Var. *bangkana,* Schl., l. c., pl. I, fig. 2. — »

*c.* — Var. *borneensis,* Schl., l. c., pl. I, fig. 3. — »

2326. **notatus,** Bodd., Elench. Mam., 1785, p. 119; Thomas, P. Z. S., 1889, p. 231; M. Weber, Zool. Ergebn., 1890, Mam., p. 117; Hose, Mam. Borneo, 1893, p. 46. — Malacca, Sumatra, Java, Borneo, Banka, Billiton, Saleyer. Celebes.

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| *badging*, Kerr, Linn. An. Kingd., 1792, p. 269; Jentink, Notes Leyd. Mus., XI, p. 27; Sclat., Cat. Mus. Calc., II, 1891, p. 23. | Malacca, Sumatra, Java, Borneo, Banka, Billiton, Saleyer, Celebes. |
| *plantani*, Ljung, Vet. Ak. Handl., 1801, XXII, p. 99, pl. I; Anderson, 1878; Jentink, 1883. | |
| *gingianus*, Var., Shaw, Gen. Zool., 1801. | » |
| *bilineatus* et *bivittatus*, Desm., 1817 et 1820. | » |
| *vittatus*, Raffles, Linn. Trans., XIII, 1822, p. 259; F. Cuv., Mam., pl. 234; Muller et Schleg., Verh., p. 94; Anderson, 1878. | » |
| *nigrovittatus*, Horsf., Zool. Res., 1824; Mull. et Schl., Verh., p. 95. | » |
| *griseiventer*, Is. Geoff., Voy. Bel., 1834, p. 147. | » |
| *a.* — *Orestes*, Thomas, Ann. Nat. Hist., XV, 1895, p. 530. | Borneo sept. M$^{s}$ Dulit (1330 m.). |
| 2327. **pygerythrus**, Is. Geoff., Mag. Zool., 1832, pl. I; Voy. Belang., 1845, p. 145, pl. VII; Blyth, J. A. S. B., XVI, p. 870 (nota); Anders., Zool. Yun., p. 227; Jentink, Notes Leyd. Mus., V, 1883, p. 124; Sclat., Cat. Mam. Mus. Calc., 1891, p. 11 (Var. typ.). | Birma infer., Rangoon, Pegu infer., vall. flum. Irrawaddy usque ad Ava (in Birma sup.). |
| *caniceps pygerythrus*, Thos., P. Z. S., 1886, p. 69. | » |
| *a.* — Var. *Blanfordi*, Blyth, J. A. S. B., XXXI, 1862, p. 333; Anders., Zool. Yun., p. 230, pl. XVIII. | Birma sup., Ava, Pudipyo. |
| *b.* — Var. *Phayrei*, Blyth, J. A. S. B., XVII, 2, 1848, p. 345; XXIV, 1885, p. 472, 476. | Birma infer., Martaban, Karemi merid., Tenasserim. |
| *caniceps Phayrei*, Thos., l. c., 1886, p. 69. | |
| *c.* *griseimanus*, A. M.-Edw., Rev. Zool., 1867, p. 195; Rech. Mam., 1868, p. 164; Blanf., Mam. Ind., 1891, p. 381. | Cochinchina, Siam, Cambojia. |
| *inornatus* et *leucopus*, Gray, Ann. N. H., XX; 1867, p. 282. | » |
| *caniceps griseimanus*, Thos., l. c., 1886, p. 69. | » |

2328. **caniceps**, Gray (nec Temm.), Ann. N. H., X, 1842; Anders., Zool. Yun., p. 229; Jentink, Notes Leyd. Mus., V, 1883, p. 122; Thomas, P. Z. S., 1886, p. 68 (partim, exclus. Var.); Anders., J. L. S., XXI, p. 340; Blanf., Mam. Ind., 1891, p. 380. — Tenasserim sept., Moulmein.

*chrysonotus*, Blyth, J. A. S. B., XVI, 1847, p. 873; Peters, P. Z. S., 1866, p. 429. — »

*a.* — Var. *concolor*, Blyth, J. A. S. B., XXIV, 1855, p. 474; Thomas, P. Z. S., 1886, p. 70. — Tenasserim merid., Malacca, I. Salanga.

2329. **microtis**, Jentink, Notes Leyd. Mus., I, 1879, p. 41 (Rheithrosciurus); III, 1881, p. 169; V, 1883, p. 135. — I. Saleyer (Celebes Archip. merid.)

2330. **rubriventer** (Forsten), Müll. et Schleg., Verhandl., 1839—44, p. 86; Jentink, Notes Leyd. Mus., V, 1883, p. 128. — I. Celebes, Modelido, Tolabello, Menado.

*bicolor*, p., Anders., Zool. Yunn., 1878, p. 215. — »

2331. **lokriah**, Hodgs., J. A. S. B., V, 1836, p. 232; Anders., Zool. Yun., p. 250; Jentink, Notes Leyd. Mus., V, 1883, p. 120; Thomas, P. Z. S., 1886, p. 61; Sclat., Cat. Mam. Mus. Calc., 1891, II, p. 20. — Nipal usque ad M$^{s}$ Naga, Assam, M$^{s}$ Reg. Arakan (in alt. montibus): Darjiling, Sikkim.

*subflaviventris*, Gray, List Mam., 1843, p. 144; Horsf., Cat., p. 152. — »

2332. **Brookei**, Thomas, Ann. N. H., IX, 1892, p. 253; P. Z. S., 1892, p. 225, pl. XIX, fig. 6; Hose, Mam. Borneo, 1893, p. 48. — Borneo sept. M$^{s}$ Dulit.

2333. **lokroïdes**, Hodgs., J. A. S. B., V, 1836, p. 232; Blanf., P. A. S. B., 1875, p. 198; Anders., Zool. Yun., p. 247; Jentink, Notes Leyd. Mus., V, p. 119; Thomas, P. Z. S., 1886, p. 61; Blanf., Mam. Ind., 1891, p. 381. — M$^{s}$ Himalaya a Nipal ad Birma sup.: Boutan, Assam, Cachar, Manipur, Arrakan, Bengal orient., I. Preparis.

*assamensis*, Gray, List Mam., 1843, p. 143 (part.). — »

*Blythii*, Tytler, Ann. N. H., XIV, 1854, p. 172. — »

*a.* — Var. *similis*, Gray, Ann. N. H., XX, 1867, p. 281. — Sikkim.

2334. **chinensis,** Gray, List, 1843, p. 144; Swinhoe, P. Z. S., 1870, p. 634; Anders., Zool. Yun., p. 254. — China merid.

2335. **rufigenis,** Blanf., Proc. As. S. B., 1878, p. 72; J. A. S. B., XLVII, p. 156, pl. VII, VIII; Thomas, P. Z. S., 1886, p. 71; Ann. Mus. Genov., 1892, p. 933. — Tenasserim. M^s Mooleyet, Moulmein orient. (usque ad 1900 m. alt.), Carin Hills.

*lokriah,* p., Jentink, N. L. M., 1883, p. 120.

2336. **Alstoni,** Anders., Zool. Yunnan, 1878, p. 252, pl. XXI; Jentink, Notes Leyd. Mus., 1883, p. 118. — ? Borneo.

2337. **Everetti,** Thomas, A. Nat. Hist., VI, 1890, p. 171; Hose, Mam. Borneo, 1893, p. 46. — Borneo sept.

2338. **pyrrhomerus,** Thomas, Ann. N. H., XVI, 1895, p. 242. — China merid.

2339. **Styani,** Thomas, Ann. N. H., XIII, 1894, p. 363. — China, Kiang-Si.

2340. **Pernyi,** A. M.-Edw., Rev. Zool., 1867, p. 230, pl. XIX; Recherch. Mam., 1868, p. 302; Anders., Zool. Yun., p. 253; Jentink, Notes Leyd. Mus., 1883, p. 120. — China Occid., Setchuan.

2341. **Diardi** (Temm.), Jentink, Notes Leyd. Mus., I, 1879, p. 39; V, 1883, p. 125. — I. Nusa-Kambang (Java merid.).

2342. **murinus,** Mull. et Schleg., Verhandl., 1839, p. 87; Anders., Zool. Yunn., 1878, p. 256; Jentink, Notes Leyd. Mus., V, 1883, p. 126. — I. Celebes sept., Menado, Gorontalo.

2343. **philippinensis,** Waterh., P. Z. S., 1839, p. 117; Anders., Zool. Yunn., 1878, p. 255. — I. Philippinas, Mindanao, Basilan.

2344. **Lowii,** Thomas, Ann. Nat. Hist., IX, 1892, p. 253; Hose, Mam. Borneo, 1893, p. 48. — Borneo sept. et Occ.

" — *natunensis,* Thos., Nov. Zool., II, 1895, p. 26. — I. Natuna (Sirhassen).

2345. **tenuis,** Horsf., Zool. Res., 1824; Cantor, J. A. S. B., XV, p. 250; Anders., Zool. Yun., p. 255; Jentink, Notes Leyd. Mus., V, 1883, p. 125; Thomas, P. Z. S., 1886, p. 76; Hose, Mam. Borneo, 1893, p. 49. — Malacca, Perak, Sumatra, Java, Borneo, I. Bunguran, I. Pulo Panjang (in Sinu Siam), ? China.

*affinis,* Horsf. (nec Raffles), Zool. Res., 1824. — »

*modestus,* Müll. et Schl., Verh., 1844, p. 96, pl. XXIV; Anders., l. c., p. 253. — »

2346. **Jentinki,** Thomas, Ann. N. H., XX, 1887, p. 128; P. Z. S., 1889, p. 230; Hose, Mam. Borneo, 1893, p. 47. — Borneo, M$^s$ Kina Balu (1000—2700 m. alt.)

2347. **fraterculus,** Thomas, Ann. Mus. Stor. Nat. Genova, XIV, 1895, p. 669. — I. Mentawei, Sipora (prope Sumatra).

2348. **Brookei,** Thomas, Ann. N. H., IX, 1892, p. 253; Hose, Mam. Borneo, 1893, p. 48. — Borneo sept., M$^s$ Dulit.

2349. **Rosenbergii,** Jentink, Notes Leyd. Mus., 1879, I, p. 37; V, 1883, p. 129; Cat. Mam., XII, 1888, p. 23; A. B. Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 26, pl. X, fig. 3. — I. Sanghir (Celebes sept.), I. Siao.

2350. **tingahi,** A. B. Meyer, Abh. Mus. Dresd., l. c., 1896, p. 27, pl. X, fig. 4. — I. Sanghir, (I. Tagulanda et I. Ruang).

2351. **leucomus,** Müll. et Schleg., Verhandl., 1839, p. 87; Anders., Zool. Yun., 1878, p. 251; Jentink, Notes Leyd. Mus., V, 1883, p. 129; Cat. Mam., liv. XII, 1888, p. 25; Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 25, pl. X, fig. 2. — I. Celebes sept., Menado, Amurang, Lotta, Minahassa, Gorontalo, Lembeh, Modelido, Limbotto.

2352. **tonkeanus,** A. B. Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 25, pl. X, fig. 1. — I. Celebes sept.-oriental. (Tonkean).

2353. **Weberi.** Jentink; Weber, Zool. Ergebn., 1890, I, p. 115, pl. VIII et X. — I. Celebes centrali.

2354. **Steerii.** Günther, P. Z. S., 1876, p. 735, pl. LXIX; Jentink, Notes Leyd. Mus., V, 1883, p. 129; Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 27. — I. Philippinas, Balabac, Palawan.

2355. **mindanensis,** Steere, List Birds and Mam., 1890, p. 29; Jentink, Notes Leyd. Mus., V, 1883, p. 129; Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 28, pl. XI, fig. 1. — I. Mindanao.

*Cagsi,* Meyer, P. Z. S., 1890, p. 599. — »

2356. **Samarensis,** Steere, List, 1890, p. 29; Meyer, Abh.-Ber. Zool. Mus. Dresd., 1896, p. 28, pl. XI, fig. 2. — I. Samar.

2357. †**Gervaisianus,** Lartet, Notice Coll. Sansan, 1851, p. 20; Schlosser, Palaeont., XXXI, 1884, p. 70; Filhol, Ann. Sc. Géol., XXI, 1891, p. 38. — †Miocaen. Gallia merid. et Helvetia.

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| | *Bredai*, von Meyer, N. Jahrb., 1848, p. 472. | †Miocaen. Gallia merid. et Helvetia. |
| | *spermophilinus*, Depéret, Arch. Mus. Lyon, IV, 1887, p. 152, pl. 13; V, 1892, p. 48, pl. 1; F. Major, P. Z. S., 1893, p. 191, pl. X, fig. 4—9. | » |
| 2358. | †**fossilis**, Giebel; G. Cuv., Oss. Foss., V, 1825, p. 548; Gervais, Zool. et Pal. Fr., 1859, p. 49. | †Eocaen. Gallia sept. |
| 2359. | †**Chalianati**, Pomel, Cat. Méth., 1851, p. 17, N° 21; Filhol, Bibl. Hautes Etudes, XIX, 1879, p. 43, pl. 3, fig. 19—32; Schloss., Palaeont., 1884, p. 68; Lydekk., Cat. Foss. Mam., I, 1885, p. 210. | †Miocaen. Gallia merid. |
| 2360. | †**dubius**, Schlosser, Palaeont., 1884, p. 70, pl. I et II. | †Eocaen. Gallia merid. |
| 2361. | †**minutus**, Lartet, Notice Sansan, 1851, p. 20; Schloss., Pal., 1884, p. 67; Filhol, Ann. Sc. Geol., XXI, 1891, p. 37. | †Miocaen. Gallia merid. |
| 2362. | †**spectabilis**, F. Major, Palaeont., 1873, XXII; Schlosser, Pal., 1884, p. 70; Rütimeyer, Abh. Schw. Pal. Ges., XVIII, 1891, p. 90, pl. VI. | †Eocaen. Helvetia, Jura. |
| 2363. | †**Cayluxi**, Filhol, Bull. Soc. Philom., VIII, 1885, p. 64. | †Eocaen. Gallia. |

D. **Sciurus**, p. d.

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| 2364. | **vulgaris**, L., Sys. Nat., 1776, I, p. 86; F. Cuv., Mam., pl. 235—237; Blas., Fauna Deuts., 1857, p. 272, fig. 153, 154; Jentink, Notes Leyd. Mus., V, 1883, p. 114. | Europa et Asia sept., ab I. Britann. ad Reg. Amour et Japon sept.; et a Laponia ad Hispaniam, Italiam, Graeciam, (nec Caucasus); a Siberia ad Thibet et Chinam sept. |
| | *europaeus*, Gray, List. Mam., 1843, p. 139. | |
| | *italicus*, Bp., Faun. Ital., fasc. 23, pl., 1838. | |
| *a.* | — Var. *alpinus*, F. Cuv., Mam., 1821, pl. 237. | |
| *b.* | — Var. *varius*, Pall., Zoog. Ross. As., 1831, I, p. 183. | » |
| | *calotus*, Gray, Ann. N. H., XX, 1867, p. 272. | » |
| | †*diluvianus*, Munster; *vulgaris fossilis*, Schmerl., Oss. Foss., II, p. 99, pl. XX, fig. 1. | †Pleistocaen. Europa. |

2365. **lis,** Temm., Fauna Japon., 1842, p. 45, pl. XII, fig. 1—4; Jentink, Notes Leyd. Mus., V, 1883, p. 115. — Japon central et merid.

2366. **persicus,** Erxleb., Sys. R. An., 1777, pl. 417; Gm., Sys. Nat., 1789 (1792), p. 148; Reis., 1784, p. 379, pl. 43; Lataste, Le Natur., 1884. — Rossia merid., Siberia merid., Caucasus, Georgia, Asia minor, Syria, Arabia, Persia.

*anomalus,* Guldenst., Schreb., Säug., IV, 1792, p. 781, pl. 213 et 215 C; Satunin, Zool. Jahrb., 1896, p. 296 (nec Kuhl, 1820). — »

*caucasicus,* Pall., Zoog., 1811, I, p. 186; Wagn., S. S. S., III, pl. 215 D. — »

*syriacus,* Ehrenb., Symb. Phys., 1829, dec. I, pl. 8; Jentink, Notes Leyd. Mus., 1883, p. 110. — »

*russatus,* Wagner, l. c., p. 153. — »

*historicus,* Gray, A. N. H., 1867, p. 273. — »

*fulvus,* Blanf., East. Persia, 1876, II, p. 49, pl. IV, fig. 1. — »

2367. †**speciosus,** v. Meyer, Neues Jahrb., 1846, p. 474 (Spermophilus); Schloss., Palaeont., 1884, p. 68, pl. II. — † Miocaen. Germania.

*priscus,* v. Meyer (Sciurus), nec Giebel. — »

*a.* — *Feignouxi,* Pomel, Catal. Méth., 1851, p. 17 (Palaeosciurus); Gervais, Zool. et Pal. Fr., 1859, p. 26, pl. 48; Filhol, Bibl. Hautes Etudes, XIX, 1879, p. 34, pl. IV, fig. 1—23. — † Miocaen. Gallia centrali.

2368. †**Göriachensis,** Hofm., Abh. Geol. Reichs., XV, 1893, p. 41, pl. II, fig. 12. — † Miocaen. Styria.

2369. †**gibberosus,** Hofm., l. c., 1893, p. 42, pl. II, fig. 11. — † Miocaen. Styria.

E. **Macroxus,** F. Cuv., 1825; emend., Trt., 1897.

*Sciurus* sectio ♂, F. Major, 1893 (= Sciuri americani); *Neosciurus, Parasciurus* et *Echinosciurus,* Trt., 1880.

1896. — **O. Bangs,** *A Review of the Squirrels of Eastern North-America* (Proc. Biol. Soc. Washingt., 1896, X, p. 145).

2370. **niger,** L., Syst. Nat., 1758, I, p. 64; Catesby, Carolina, II, p. 73, pl. 73; Allen, Mon. Rod., 1777, p. 719; Bangs, Proc. Biol. Soc. Wash., 1896, p. 147. — America sept.-orientali, a Virginia et Carolina sept. ad Floridam sept. et

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| *cinereus*, L., l. c., 1758, p. 64 (part.). | Louisianam orient., in lat. orient. Montium Alleghanis. (nec Mexico). |
| *rulpinus*, Gm., Sys. Nat., 1788, I, p. 147; Baird, Mam. N.-Am., 1857, p. 246. | |
| *capistratus*, Bosc., Ann. Mus., I, 1802, p. 281; Aud. et Bachm., Quadr., II, 1851, p. 132, pl. 68. | |
| *a.* — *melanonotus*, Thomas, P. Z. S., 1890, p. 73, pl. VI. | Mexico, Reg. Vera-Cruz, Jalapa. |
| 2371. **nayaritensis**, Allen, Bull. Am. Mus., III, 1890, p. VII. | Mexico merid., Sierra de Valparaiso, Zacatecas. |
| *Alstoni*, Allen (nec Anders.), Bull. Am. Mus. Nat. Hist., II, 1889, p. 168. | |
| 2372. **ludovicianus**, Custis, Barton's Med. and phys. Journ., II, 1806; Baird, Mam. N.-Am., 1857, p. 251; Var., Allen, Mon. N.-A. Rod., 1877, p. 720; Bangs, P. Biol. Soc., 1896, p. 149. | Vall. Mississipi fluminis, a Dakota merid. ad Louisianam in lat. occid. Montium Alleghanis. |
| *rufiventer*, Desm., Mam., II, 1822, p. 332. | » |
| *macroura*, Say, Long's Exp., I, 1823, p. 115 (nec Erxleb.). | » |
| *magnicaudatus*, Harlan, Faun. Am., 1825, p. 178. | » |
| *subauratus* et *Audubon*i, Bachm., P. Z. S., 1838, p. 87 et 97. | » |
| *occidentalis*, Aud. et Bachm., Journ. Acad. Phil., VIII, 1842, p. 317. | » |
| *rubicaudatus* et *Sayi*, Quadr., II, 1851, p. 30 et 274, pl. 55 et 89. | » |
| *griseoflavus*, Thos. (nec Gray), P. Z. S., 1882, p. 372; 1890, p. 73 (nota). | Mexico (Durango, Ciutad). |
| *a.* — *vicinus*, Bangs, Proc. Biol. Soc. Wash., 1896, p. 150. | United-States sept.-orient., a Reg. New-York (forsan Nova-Anglia merid.), ad Virginiam sept. et Occid. et Pennsylvaniam. et usque ad Carolinam sept. (M$^{s}$ Alleghanis sept.) |
| *cinereus*, Le Conte, App. Mc Murtrie's Cuv. Reg. An., 1831, p. 433; Bachm., 1838; Aud. et Bachm., Quadr., 1849, pl. 17; Baird, Mam., 1857, p. 248; Var., Allen, Monog., 1877, p. 718 (nec L.). | |
| *vulpinus*, Schreb., Säug., IV, 1792, p. 772 (nec Gm.). | |

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| *b.* — *limitis,* Baird, Proc. Ac. Phil., 1855, p. 331; Mam. N.-Am., 1857, p. 256; Bangs, l. c., 1896, p. 149 (nota). | Texas Occid. |
| *niger limitis,* Allen, Bull. Am. Mus., 1896, p. 67. | » |
| 2373. **carolinensis,** Gm., Syst. Nat., 1788, I, p. 148; Allen, Mon. Rod., 1877, p. 704; Aud. et Bachm., Quadr., I, 1849, p. 55, pl. VII; Alston, P. Z. S., 1878, p. 658; Biol. Central.-Am., 1880, p. 124; Bangs, P. Biol. Soc. Wash., 1896, p. 153. | America Sept.-Orient., ab Hudson Vall. inf. (Canada sept.) ad Floridam sept. et Indiana, Missouri, Mexico sept. |
| *a.* — *leucotis,* Gapper, Zool. Journ., V, 1830, p. 206; Bangs, l. c., 1896, p. 155; Allen, Monog., 1877, p. 701. | America Sept.-Orient. a Nov. Brunswich et Canada merid., Nova-Anglia, New-York, Ontario, ad M$^{s}$ Alleghanis (in Pensylvania), et ad Minnesota. |
| *cinereus,* Schreb., Säug., IV, 1792, p. 766, pl. 112. | |
| *hiemalis,* Ord, Guthr. Geog., II, 1815, p. 292. | |
| *niger,* Godm. (nec L.), Ann. N. H., II, 1826, p. 133; Richardson, 1829; Aud. et Bachm., Quadr., I, 1849, p. 261, pl. 34. | » |
| *vulpinus,* De Kay (nec Gm.), 1842. | » |
| *migratorius,* Aud. et Bachm., Quadr., I, p. 265, pl. 35. | » |
| *pennsylvanicus* (Ord), Rhoads, 1894. | » |
| *b.* — *hypophaeus,* Merriam, Science, VIII, 1886, p. 351; Bangs, l. c., 1896, p. 156. | Minnesota (in limbo silvarum). |
| *c.* — *fuliginosus,* Bachm., P. Z. S., 1838, p. 96; Aud. et Bachm., Quadr., 1853, III, p. 240, pl. 149; Bangs, P. Bost. Soc., 1895, p. 543; Rhoads, P. Ac. Phil., 1896, p. 196; Bangs, P. Biol. Soc., 1896, p. 157. | Louisiana (in reg. maritima Nov.-Orleans). |
| *d.* — *extimus,* Bangs, Proc. Biol. Soc. Wash., 1896, p. 158. | Florida merid. |
| *e.* — *yucatanensis,* Allen, Mon. Rod., 1877, p. 705; Alston, Biol. Centr.-Am., Mam., 1880, p. 124. | Yucatan, Guatemala. |

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| 2374. **hudsonicus,** Erxleb., Mam., 1777, p. 416 (Sc. vulg. Var. ε); Pall., Nov. Sp. Glir., 1778, p. 376; De Kay, 1842; Aud. et Bachm., Quadr., 1849, I, pl. 15; F. Cuv., Mam., pl. 247, 248; Baird, Mam., 1857, p. 260, pl. 46; Allen, Mon. Rod., 1877, p. 672; Bull. Am. Mus. Nat. Hist., III, 1890, p. 41; Bangs, P. Biol. Soc. Wash., 1896, p. 159, pl. X, f. 2. | America Boreali a Labrador ad Alaska et a Canada sept. ad Maine, Michigan, Ms Alleghanis, usque ad Roan Mountain (Carolina sept.). |
| *rubrolineatus,* Desm., Mam., I, 1820, p. 333. | » |
| *a.* — *loquax,* Bangs, l. c., 1896, p. 161, pl. X, fig. 1. | A Maine merid. et Minnesota merid. ad |
| *carolinensis,* Ord, 1818 (nec Gm.). | Virginiam et Carolinam sept. |
| *b.* — *dakotensis,* Allen, Bull. Amer. Mus., VI, 1894, p. 324. | Dakota. |
| *c.* — *grahamensis,* Allen, l. c., 1894, p. 350. | Arizona. |
| *d.* — *vancouverensis,* Allen, Bull. Amer. Mus., 1890, p. 165. | I. Vancouver. |
| *e.* — *californicus,* Allen, l. c., 1890, p. 165. | California. |
| ? *Bottae,* Less., Cent. Zool., 1832, p. 221, pl. 76. | » |
| *f.* — *cerricalis,* Allen, l. c., 1890, p. 183, 185. | Mexico. |
| 2375. **Fremonti,** Aud. et Bachm., Quadr., 1853, III, p. 237, pl. 149, fig. 1. | Colorado, Ms Uintah. |
| *a.* — *Mogollonensis,* Mearns, Bull. Am. Mus. Nat. Hist., II, 1890, p. 277; Merriam, N.-Am. Fauna, N° 3, 1890, p. 48. | Ms Saxosi, Ms San Francisco (Colorado). |
| 2376. **Richardsonii,** Bachm., P. Z. S., 1838, p. 100 (nec Gray, 1842); Aud. et Bachm., Quadr., 1849, I, p. 41, pl. 5. | Ms Saxosi. |
| 2377. **Douglasi,** Gray, 1836; Bachm., P. Z. S., 1838, p. 99; Aud. et Bachm., Quadr., 1849, I, pl. 48. | United-States Occid. Territ. Washington, Oregon, Petaluma, |
| *a.* — Var. *Townsendi* et *lanuginosus,* Bachm., P. Z. S., 1838, p. 101. | Ms Cascades, California sept., |
| *b.* — Var. *mollipilosus,* Aud. et Bachm., P. Ac. Phil., 1842, I, p. 102. | Texas Occid. |
| *c.* — Var. *Belcheri,* Gray, A. N. H., X, 1842, p. 263. | » |
| *d.* — Var. *Suckleyi,* Baird, P. Ac. Phil., 1855, p. 333. | » |

2378. †**calycinus,** Cope, Proc. Am. Phil. Soc., XII, 1871, p. 86; Allen, Mon. N.-Am. Rod., 1877. p. 931. — † Pleistocaen. Pennsylvania.

2379. †**panolius,** Cope, Proc. Am. Phil. Soc., XI, 1869, p. 174, pl. III, fig. 5. — † Pleistocaen. Virginia.

2380. †**Vortmanni,** Cope, Proc. Am. Phil. Soc., XVIII, 1880, p. 370; Tert. Vert., 1884, p. 816, pl. 63, fig. 4. — † Miocaen. Oregon.

2381. †**relictus,** Cope, Ann. Rep. Geol. Surv., 1873 (1874), p. 475 (Paramys); Tert. Vert., 1884, p. 817 pl. 65, fig. 35. — † Miocaen. Colorado.

2382. †**Ballovianus,** Cope, Bull. U. S. Geol. Surv., 1881, VI, p. 177; Tert. Vert., 1884, p. 818, pl. 63, fig. 5 et 6. — † Miocaen. Oregon.

2383. **fossor,** Peale (nec Gerv.), U. S. Explor. Exped., Mam. and Birds, 1848, p. 55; Aud. et Bachm., Quadr., III, pl. 153, fig. 2; Allen, N.-Am. Rod., 1877, p. 731; Jentink, Notes Leyd. Mus., 1883, p. 93. — United-States Occid., Oregon, California, M^s^ Tejon, Sierra-Nevada, usque ad flum. Columbia.

*Hermanni,* Leconte, P. Ac. Phil., 1852, p. 149. — »

*leporinus,* p., Henshaw, Ann. Rep. Engin., 1876, p. 310. — »

*a.* — *nigripes,* Bryant, Proc. Calif. Acad. Sc., 1889, p. 25. — California merid., San Mateo.

*b.* — *Anthonyi,* Mearns, Proc. National Mus., XX, 1897, p. 1. — California merid., San Diego.

2384. **Aberti,** Woodh., Proc. Ac. Nat. Sc. Philad., VI, 1852, p. 220; Sitgreav., Expl. Colorado, 1853, p. 53, pl. VI; Aud. et Bachm., Quadr., III, pl. 153, fig. 1; Allen, Rodent., 1877, p. 735; Jentink, Notes Leyd. Mus., 1883, p. 95; Merriam, N.-Am. Fauna, N° 3, 1890, p. 49. — United-States Occid., Colorado, Nov.-Mexico, M^s^ Apaches, Arizona.

*dorsalis,* Woodh. (nec Gray), l. c., p. 110. — »

*a.* — *castanotus,* Baird, Mam. N.-Am., 1857, p. 266; U. S. Mex. Bound. Surv., 1859, II, p. 35, pl. V. — Nov.-Mexico.

*b.* — *concolor,* True, Proc. Nat. Mus., XVII, 1894, p. 241. — Colorado.

*c.* — *durangi,* Thomas, Ann. Nat. Hist., XI, 1893, p. 50. — Mexico centrali, Durango.

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| 2385. **variegatus,** Erxleb., Sys. Regn. An., 1777, p. 421; Schreb., Säug., IV, pl. 208; F. Cuv., Mam., pl. 243; Alston, Biol. Centr.-Am., 1880, p. 127, pl. XI; Jentink, Notes Leyd. Mus., 1883, p. 97. | | California, Mexico, Guatemala, Honduras, Nicaragua, Costa-Rica, Panama, ? Equator. |
| | *socialis,* Wagner, Abh. Bay. Ak. Wiss., II, 1837, p. 504, pl. 5. | » |
| | *albipes,* Wagn., l. c., 1837, p. 501. | » |
| | *varius,* Wagn., S. S. S., III, 1843, p. 168, pl. 213 D. | » |
| *a.* | — Var. *aureogaster,* F. Cuv., Mam., 1829, pl. 245; Is. Geoff., Voy. Venus, p. 156, pl. 10, 11; Allen, Mon. Rod., p. 750; Bull. Geol. Surv., IV, p. 882. | Mexico merid., Orizaba, Tehuantepec, Guatemala. |
| | *ferrugineiventris,* Aud. et Bachm., Quadr., I, p. 292, pl. 38. | » |
| 2386. **leucogaster,** F. Cuv., Suppl. Buff., Mam., 1831, I, p. 300. | | Mexico merid., Sierra Nevada de Colima, Guatemala. |
| | *leucops,* Gray, Ann. N. H., XX, 1867, p. 427; Allen, Mon. Rod., p. 753; Bull. Am. Mus., 1889, p. 166; 1890, III, p. 182. | |
| | *morio* et *maurus,* Gray, l. c., 1867, p. 424, 425. | » |
| 2387. **arizonensis,** Coues, Am. Nat., 1867, p. 357; Alston, P. Z. S., 1878, p. 659; Biol. Centr.-Am., 1880, p. 125; Allen, Bull. Am. Mus., V, 1893, p. 30. | | Arizona, Mexico, Mazatlan, Tampico. |
| | *Colliaei,* Allen, Mon. Rod., 1877, p. 738 (nec Richards.). | » |
| *a.* | — *griseoflavus,* Gray, Ann. N. H., XX, 1867, p. 427; Alston, l. c., 1880, p. 126. | Mexico, Guatemala, Coban. |
| *b.* | — *hypopyrrhus,* Wagl., Isis, 1831, p. 610; Allen, Mon. Rod., p. 746; Alston, P. Z. S., 1878, p. 662; Biol. Centr.-Am., 1880, p. 128, pl. XII. | Mexico, Guatemala, Honduras, Nicaragua, Costa-Rica, Panama. |
| | *nigrescens,* Bennet, P. Z. S., 1833, p. 41. | » |
| *c.* | — Var. *Colliaei,* Richards., Zool. Blossom, 1839, p. 8, pl. I (nec Allen). | » |
| | *variegatoïdes,* Ogilby, P. Z. S., 1839, p. 117. | » |
| | *Boothiae* et *Richardsonii,* Gray, 1843—1863. | » |

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| | *griseocaudatus*, Gray, Zool. Sulph., 1844, p. 34, pl. VIII. | Mexico, Guatemala, Honduras, Nicaragua, Costa-Rica, Panama. |
| | *fuscovariegatus*, Schinz, 1845. | |
| | *Adolphei* et *Pyladei*, Lesson, 1847. | » |
| *d.* | — *huachuca*, Allen, Bull. Am. Mus., VI, 1894, p. 349. | Arizona, M$^{s}$ Huachuca. |
| *e.* | — *dorsalis*, Gray, P. Z. S., 1848, p. 138, pl. VII; Sclat., P. Z. S., 1870, p. 670 (nec Woodh.). | Nicaragua. |
| *f.* | — *rigidus*, Peters, M.-B. Ak. Berl., 1863, p. 652; Frantzius; Fischer, 1877. | Mexico merid. |
| | *oculatus*, Peters, l. c., 1863, p. 653. | » |
| | *intermedius* (Verr.), Gray, Ann. N. H., XX, 1867, p. 421. | » |
| *g.* | — *melania* et *nicoyana*, Gray, l. c., 1867, p. 425 et 423. | Costa-Rica. |
| 2388. | **apache**, Allen, Bull. Am. Mus., V, 1893, p. 29. | Mexico, Chihuahua sept. |
| 2389. | **Nelsoni**, Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 144. | Mexico merid., Morelos. |
| 2390. | **variabilis**, Is. Geoff., Mag. Zool., 1832, pl. IV; Allen, Rod., 1877, p. 768; Bull. Geol. Surv., IV, p. 884; Alston, P. Z. S., 1878, p. 665; Biol. Centr.-Am., 1880, p. 131; Jentink, Notes Leyd. Mus., 1883, p. 101. | Costa-Rica, Panama, Nov.-Grenada, Equator, Peru, Chili, Bolivia, Brasil Occid., Venezuela. |
| | *Gerrardi*, Gray, P. Z. S., 1861, p. 92, pl. XVI; Allen, Rod., p. 766. | » |
| 2391. | **chrysuros**, Pucheran, Rev. Zool., 1845, p. 337; Alston, Biol. Centr.-Am., 1880, p. 134; Jentink, Notes Leyd. Mus., 1883, p. 102. | Mexico, Guatemala, Panama, Honduras, Nova-Grenada, Colombia. |
| | *rufoniger*, Puch., l. c., p. 336 (nec Gray); Alston, P. Z. S., 1878, p. 669. | » |
| | *tephrogaster*, Allen, Rod., 1877, p. 763 (partim). | » |
| *a.* | — *Deppei*, Peters, M.-B. Ak. Berl., 1863, p. 654; Alston, P. Z. S., 1878, p. 668; Biol. Centr.-Am., 1880, p. 133. | Guatemala (in montibus ad 1000 m. altit.). |
| | *tephrogaster*, *taeniurus* et *medellinensis*, Gray, 1867—1877. | » |

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| 2392. | **aestuans,** L., Sys. Nat., I, 1766, p. 88; Hensel, Abh. Ak. Berlin, 1872, p. 26; Alston, Biol. Centr.-Am., 1878, p. 132; Thomas, P. Z. S., 1880, p. 400; Jentink, Notes Leyd. Mus., V, 1883, p. 103. | America merid., Nova-Grenada, Venezuela, Guiana, Brasil Occid. et merid., Peru, Bolivia. |
| | *pusillus,* Desm., Mam., 1820, p. 337, pl. 77, fig. 2 (juv.); Alston, P. Z. S., 1878, p. 670, pl. 41. | » |
| | *kuhlii,* Gray, Ann. Nat. Hist., XX, 1867, p. 433. | » |
| | Var. *guyanensis,* Peters, M.-B. Ak. Berl., 1863, p. 655. | » |
| *a.* | — *hoffmanni,* Peters, M.-B. Ak. Berl., 1863, p. 654. | Equator, Panama, Costa-Rica, Nicaragua, I. Trinitad. |
| | *rufo-niger,* Allen, 1857 (nec Pucher.) *xanthotus* et *griseogena,* Gray, 1867. | |
| | *griseogenys,* Alston, P. Z. S., 1878, p. 667; Biol. C.-Am., pl. XIII. | » |
| 2393. | **stramineus,** Eyd. et Soul., Voy. Bonite, 1841, Zool., I, p. 37, Atlas, pl. IX; Tschudi, Faun. Peruana, 1844; Alston, P. Z. S., 1878, p. 441 et 664; Jentink, Notes Leyd. Mus., 1883, p. 100. | Equator, Peru. |
| | *tephrogaster,* Allen, Rod., 1877, p. 763 (part.). | » |
| | *variabilis,* Allen, l. c., p. 768 (part.). | » |
| 2394. | **Nebouxi,** Is. Geoff., Voy. Venus, Zool. 1855, p. 163, pl. 12. | Peru. |
| 2395. | **Fraseri,** Gray, Ann. Nat. Hist., XX, 1867, p. 430. | Equator. |
| 2396. | **tricolor,** Pöppig; Tschudi, Fauna Peruana, 1844, p. 156, pl. XI. | Peru sept., Brasil occid. |
| *a.* | — *morio,* Wagner (nec Gray), Abh. Bayr. Akad., V, 1850, p. 275. | Peru. |
| 2397. | **igniventris,** Natt.; Wagner, Archiv. Naturg., 1842, p. 360; Abh. Ak. Münch., V, p. 275; Pelzeln, Verh. Ges. Wien, 1883, p. 60. | Brasil Amazon., Rio Negro, Marabitanas. |
| 2398. | **pyrrhonotus,** Natt.; Wagn., Arch. Naturg., 1842, p. 260; Abh. Ak. Münch., V, p. 277; Pelzeln, Verh. Ges. Wien, 1883, p. 60. | Brasil Amazon., Borba, Monoqueri (Rio Solimoëns). |

2399. **gilvigularis**, Wagner, Arch. Naturg., 1843, II, p. 43; 1845, p. 148; Abh. Ak. Münch., V, p. 283. — Brasil Amazon., Borba.

*gilviventris*, Natt.; Pelzeln, Verh. Zool.-Bot. Ges. Wien, XXXIII, Beiheft, 1883, p. 59. — »

2400. **Langsdorffi**, Brandt, Mém. Ac. St Petersb., 1835, p. 428, pl. 11; Wagner, S. S. S., III, p. 183 (part.); Abh. Ak. Münch., V, p. 273; Pelzeln, Verh. Ges. Wien, 1883, p. 59. — Brasil Amazon., Cuyaba, Matogrosso, Brasil centrali.

F. **Microsciurus**, Allen, 1895.

2401. **alfari**, Allen, Bull. Amer. Mus., VII, 1895, p. 333.[1] — Costa-Rica, Jimenes.

## 495. **Tamias**, Illiger, 1811.

*Sciurus*, p., L., F. Major, 1893; *Tenotis*, Rafin., 1817; *Tamias* et *Eutamias*, Trt., 1881.

1890. — Allen, *A Review of Some of the North-American Ground Squirrels*, — Bull. Am. Mus. Nat. Hist. New-York, III, 1890, p. 45—116.

2402. **dorsalis**, Baird, Proc. Ac. Philad., VII, 1855, p. 332; Mam. N.-Am., p. 300, pl. 46; Allen, Bull. Am. Mus., 1890, p. 68; 1895, p. 241. — America sept., Great Basin ab Utah sept. ad Mexico et in Occ. ad Ms Sierra Nevada, in Or. ad Mimbres (Nov. Mexico).

*quadrivittatus*, Var. *dorsalis*, Allen, 1874; Coues et Yarrow, 1876. — »

*asiaticus*, Var. *dorsalis*, Allen, Rod., 1877, p. 794. — »

*quadrivittatus pallidus*, Coues et Yarrow, 1876. — »

2403. **Merriami**, Allen, Bull. Amer. Mus., II, 1889, p. 176; III, 1890, p. 84; 1893, p. 199. — California merid., (in montibus) a Tulare et Monterey Co. ad San Diego.

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[1]) Sciuri nani ex Vetere Continento (*Sc. exilis*, etc.), in Genere »*Nannosciurus*« et Subfam. »*Nannosciurinae*«, F. Major, 1893, post Genus *Arctomys* collocati sunt.

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| 2404. **obscurus** (Townsend), Allen, Bull. Amer. Mus. Nat. Hist., III, 1890, p. 70; 1893, p. 198. | California infer., M$^s$ San Pedro, Mexico. |
| 2405. **asiaticus**, Gm., Syst. Nat., I, 1788, p. 150; Allen, Rod., 1877, p. 793 (part.); Bull. Am. Mus., 1890, p. 71. | Asia sept. et centrali, Siberia a Mare Albo et flum. Dwina ad Reg. Amur, Ins. Sakhalin, Japon sept., et I. Kurilas; China sept. M$^s$ in sept. Gu-bei-Kol, Kalgan, Muni-ula, Mongolia orient. |
| *striatus*, Pall., Glir., 1778, p. 378 (nec L.). | |
| *uthensis*, Pall. Zoog., I, 1831, p. 189 (Var. nigra). | |
| *Pallasi*, Baird, Ann. Rep., 1856 (1857), p. 55; Mam. N.-Am., p. 295; Büchn., Mam. Przewals., 1888, p. 5. | |
| *asiaticus* Var. *borealis*, Allen, Rod., 1877, p. 793 (partim: specim. ex Vet. Continent. tantum). | » |
| † *striatus foss.*, Brandt-Woldr., 1887. | † Pleistoc. M$^s$ Altaï. |
| 2406. **Townsendii**, Bachm., Journ. Ac. Phil., VIII, 1839, p. 68; Allen, Bull. Am. Mus., III, 1890, p. 72. | America Occid. in Reg. Oceani Pacifici, lat. occid. Montium Cascade, Territ. Washington et Columbia britann. |
| *Cooperi*, Baird, Proc. Ac. Philad., 1855, p. 334; Mam. N.-Am., 1857, p. 301. | |
| *a*. — *Hindsii*, Gray, Ann. Nat. Hist., X, 1842, p. 264 (»hindei« errore typ.); Zool. Sulph., I, 1844, p. 34, pl. 12, fig. 1; Allen, Bull. Am. Mus., III, 1890, p. 75. | California occid. in Reg. Oceani Pacif., lat. Occid. Montium (Coast Range) usque ad San Francisco. |
| *Townsendii*, p., Baird; Allen, 1877; Townsend, 1887. | |
| *asiaticus hindsii*, Allen, Bull. Am. Mus., II, 1889, p. 178. | » |
| 2407. **Pricei**, Allen, Bull. Amer. Mus. Nat. Hist., VII, 1895, p. 333. | California, M$^s$ Santa Cruz. |
| 2408. **macrorhabdotes**, Merriam, Proc. Biol. Soc. Wash., III, 1884—86, p. 25, fig. p. 26; Allen, Bull. Am. Mus., III, 1890, p. 78. | California centrali, M$^s$ Sierra Nevada, Placer County. |
| 2409. **panamintinus**, Merriam, Proc. Biol. Soc., VIII, 1893, p. 134. | California. |
| 2410. **callipeplus**, Merriam, Proc. Biol. Soc., 1893, p. 136. | California. |

2411. **alpinus,** Merriam, Proc. Biol. Soc., 1893, p. 137. — California.

2412. **quadrimaculatus,** Gray, Ann. Nat. Hist., XX, 1867, p. 435; Allen, Bull. Amer. Mus., III, 1890, p. 80.
*asiaticus quadrivittatus,* Townsend, Proc. U. S. Nat. Mus., X, 1887, p. 171 (nec Say). — California, Vall. fluminis Sacramento usque ad Shasta Co. et Fort Klamath (Oregon).

2413. **senex,** Allen, Bull. Am. Mus. Nat. Hist., III, 1890, p. 83. — California, Sierra Nevada, usque ad Oregon.

2414. **speciosus** (Merriam), Allen, Bull. Amer. Mus. Nat. Hist., III, 1890, p. 86. — California merid., Ms San Bernardino.

2415. **frater,** Allen, Bull. Am. Mus., III, 1890, p. 88.
*quadrivittatus,* part., Henshaw, 1876. — California, Ms Sierra Nevada, Placer County.

2416. **amoenus,** Allen, Bull. Am. Mus. Nat. Hist., III, 1890, p. 90. — Oregon (Fort Klamath), California (Placer Co.).

2417. **Bulleri,** Allen, Bull. Am. Mus., II, 1889, p. 92 (asiaticus Bulleri, subsp.); III, 1890, p. 92. — Mexico, Sierra del Valparaiso, Zatecas.
?*asiaticus quadrivittatus,* Thomas, P. Z. S., 1882, p. 372. — »

2418. **cinereicollis,** Allen, Bull. Amer. Mus. Nat. Hist., III, 1890, p. 94; 1895, p. 243. — Arizona centrali, Ms San Francisco, Ms Mogollon et Ms White.

2419. **umbrinus,** Allen, Bull. Amer. Mus. Nat. Hist., III, 1890, p. 96. — Utah sept. et centr., Ms Wahsatch et Uintah.

2420. **quadrivittatus,** Say, Long's Exped. Rock. Mont., II, 1823, p. 45; Allen, Proc. Bost. Soc., XVI, 1874, p. 289; Bull. Am. Mus., III, 1890, p. 97; 1896, p. 256. — Colorado et Wyoming (in Montibus).

*a.* — *gracilis,* Allen, l. c., 1890, p. 99; 1893, p. 82. — Arizona, Nov.-Mexico.

*b.* — *luteiventris,* Allen, l. c., 1890, p. 101.
*quadrivittatus,* p., Allen, 1874—77 (part.). — Montes Saxosi (Montana ab Helena ad Columbiam brit.).

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| *c.* — *affinis*, Allen, l. c., 1890, p. 103 et 167. | Columbia Britann. in Orient. lat. Montium Cascades. |
| *d.* — *felix*, Rhoads, Amer. Natur., 1895, p. 941. | Columbia Britann. |
| *e.* — *neglectus*, Allen, l. c., 1890, p. 106.<br>*quadrivittatus*, p., Agassiz, Lake Sup., 1850; Allen, Rod., p. 793. | Minnesota et Wisconsin sept., Michigan sept., Lac Super. sept. |
| *f.* — *borealis*, Allen, Rodent., 1877, p. 793 (part.; specim. ex America).<br>*quadrivittatus* Var. *Pallasi*, Allen, 1874 (partim). | America Boreali et Orient. lat. Mont. Saxosorum: Canada usque ad United-States sept., Dakota sept. et merid., Montana. |
| 2421. **minimus**, Bachm., Journ. Acad. Nat. Sc. Philad., VIII, 1839, p. 71; Allen, Bull. Am. Mus., III, 1890, p. 110.<br>*asiaticus* Var. *pallidus*, Allen, Rod., 1877, p. 793. | Dakota, Montana et Wyoming, in desertis (»Bad lands«).<br>» |
| *a.* — *consobrinus*, Allen, l. c., 1890, p. 112; 1896, p. 256. | Utah orient., Colorado Occid. et Merid., Nov.-Mexico sept.-occ. |
| *b.* — *melanurus*, Merriam, North-Am. Fauna, N° 4, p. 22. | Idaho (Snake River). |
| *c.* — *pictus*, Allen, l. c., 1890, p. 115. | Regione »Great Basin« a Great Salt Lake et Utah merid., Nevada merid., ad Territ. Washington. |
| 2422. **striatus**, L., Syst. Nat., I, 1758, p. 64 (nec Pall.); Catesby, Carol., II, 1731, p. 75, pl. 75; Baird, Mam., 1857, p. 292, pl. 46, fig. 2; Allen, Rod., p. 782; Mearns, Bull. Am. Mus., 1891, p. 229.<br>*americanus*, Gm., Sys. Nat., I, 1788, p. 150; Kuhl, 1820; Gray, 1867.<br>*carolinensis*, Briss., Quadr., 1756, p. 135 (nec Gm.). | America sept. et Orientali, a Canada (United-States Orientales), ad Georgiam, et a Pembina (Minnesota) ad Missouri Occid.<br>» |
| *a.* — *Lysteri*, Richards., Faun. Bor.-Am., 1829, I, p. 181, pl. 15; Aud. et Bachm., Quadr., 1849, I, pl. 8; Merriam, Am. Nat., 1886, p. 236. | Ontario (Canada), Lac Huron, Maine, Vermont, New-York. |

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| *b.* — *griseus*, Mearns, Bull. Amer. Mus. Nat. Hist., III, 1891, p. 231. | Vall.flum.Mississipi ad Occ.Reg.Great Lakes. |
| *c.* — *venustus*, Bangs, Proc.Biol.Soc.Wash., 1896, p. 137. | Territ. Occid., Montana, M$^s$ Boston. |
| 2423. †**laevidens**, Cope, Proc. Am. Phil. Soc., XI, 1869, p. 174, pl. III, fig. 4; Allen, Rod., 1877, p. 932. | † Pleistocaen. Virginia. |
| 2424. **lateralis**, Say, Long's Exp., 1823, II, p. 46; Richards., Faun. Bor., 1829, I, pl. 13; Wagner, S. S. S., IV, pl. 214B; Aud. et Bachm., Quadr., III, p. 62, pl. 114; Baird, Mam., pl. 20, fig. 3, pl. 45, fig. 5; Allen, Rod., p. 814; Bull. Am. Mus., 1893, p. 82; 1895, p. 241; 1896, p. 255. | America Sept.-Occ., ab Arizona, Wyoming, Montana, Oregon, Dakota ad Californiam; M$^s$ Apache et Sierra Nevada. |
| *a.* — *saturatus*, Rhoads, Proc. Ac. Phil., 1895, p. 43. | Territ. Washington. |
| 2425. **Wortmani**, Allen, Bull. Amer. Mus. Nat. Hist., VII, 1895, p. 335; 1896, p. 255. | Wyoming, Bitter-Creek (Bad-lands in rupibus). |
| 2426. **cinerascens**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 20. | Montana (Helena, 1500 m. alt.) |
| 2427. **castanurus**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 19. | Utah, M$^s$ Wahsatch (2300 m.). |
| 2428. **chrysodeirus**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 19. | Oregon (Fort Klamath). |
| *a.* — *brevicaudus*, Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 134 (Spermophilus). | California. |

## 496. **Spermophilus**, F. Cuv., 1822.

*Anisonyx*, Rafin., 1817: Merriam (restit.), 1895; *Tamias*, p. et *Arctomys*, p., Auct.; *Citillus*, Licht., 1830.

**Merriam**, *The Geogr. Distr. of Life in N.-Amer.*, Proc. Biol. Soc. Wash., VII, 1892, p. 27.

**Büchner**, *Wiss. Result. Przewalski Reis.*, 1888, p. 8 25.

### A. **Ammospermophilus**, Merriam, 1892.

**Merriam**, N.-Am. Fauna, N° 4, 1890, p. 22.

*Tamias*, p., Auct. Vet.

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| 2429. **Harrisii**, Aud. et Bachm., Quadr., 1854, III, p. 267, pl. 144, fig. 1; Baird, Mam. N.-Am., pl. 48, fig. 3; Allen, Rod., 1877, p. 810; Merriam, Proc. Biol. Soc., 1892, p. 27; Allen, Bull. Am. Mus., 1895, p. 240. | America Sept.-Occ., Arizona, Nov.-Mexico, California. |

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| *a.* — *saxicolus*, Mearns, Proc. Nat. Mus. Wash., 1896, p. 444. | Arizona merid.-occid., M^s Gila, Yuma Co. |
| 2430. **interpres**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 21 (Tamias). | Texas (El Paso). |
| 2431. **leucurus**, Merriam, N.-Amer. Fauna, N° 2, 1889, p. 20 (Tamias); Allen, Bull. Am. Mus., 1896, p. 255; Merriam, Proc. Biol. Soc., 1892, p. 27. | California, San Gorgonio Pass, Nov.-Mexico. |
| *a.* — *cinnamomeus*, Merriam, N.-Am. Fauna, N° 3, 1890, p. 51; Allen, Bull. Am. Mus., 1893, p. 82; 1895, p. 239. | Desert. Reg. Colorado, Arizona. |
| *b.* — *peninsulae*, Allen, Amer. Mus. Nat. Hist., V, 1893, p. 197 (Tamias). | California infer., San Telmo. |
| 2432. **Nelsoni**, Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 129 (Spermophilus). | California. |

## B. **Otospermophilus**, Brandt, 1844; Allen, 1877.

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| 2433. **grammurus**, Say, Long's Exped. Rock. Mont., 1823, II, p. 72; Bachm., Charlesw. Mag., 1839, III, p. 390; Brandt, Bull. Acad. S^t Petersb., 1844, II, p. 380; Baird, Mamm., 1857, p. 310, pl. 4; Allen, Rod., p. 826; Bull. Amer. Mus., 1893, p. 81; 1895, p. 237. | America Sept.-Occ., Reg. Sonora, Colorado, Arizona, Mexico sept. |
| *Couchii*, Baird, 1855; Mam., p. 311, pl. 81. | » |
| *a.* — *Douglasii*, Richards., Fauna Bor.-Am., 1829, I, p. 172; Brandt, l. c., 1844, p. 380; Aud. et Bachm., Quadr., 1846, I, pl. 49; Baird, Mam., pl. 45, fig. 1. | Oregon Occid., California sept. |
| *b.* — *Beecheyi*, Richards., Faun. Bor., 1829, I, p. 170, pl. 12 B; Wagner, S. S. S., pl. 210 E; Brandt, l. c., 1844, p. 380; Baird, Mam., p. 307, pl. 3, fig. 2; pl. 46, fig. 3; Allen, Bull. Am. Mus., 1893, p. 197. | California in Occ. lat. Montium Sierra-Nevada, usque ad Mexico sept. |
| *californicus*, Less., Mam. et Ois. Nouv., 1847, p. 143. | » |
| *c.* — *atricapillus*, Bryant, Proc. Calif. Acad., II, 1889, p. 26. | California. |

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| *d.* — *macrurus*, Bennet, P. Z. S., 1833, p. 41; Aud. et Bachm., Quadr., III, pl. 139; Allen, Bull. Am. Mus., 1889, p. 170; 1891, p. 185. *grammurus*, p., Alston, Biol. Cent.-Am., 1880, p. 136. | Mexico, Jalisco, Zapotlan, Tamaulipas, Nuevo Leon, Guanajuato, Guadalajuara. |
| *e.* — *Fisheri*, Merriam, Proc. Biol. Soc., VIII, 1893, p. 133. | California. |
| *d.* — *Buckleyi*, Slack, Proc. Ac. Nat. Sc. Philad., 1861, p. 314; Allen, Bull. Am. Mus., 1896, p. 67. | Texas. |
| 2434. **annulatus**, Aud. et Bachm., Journ. Acad. Phil., 1842, VIII, p. 319; Quadr., II, 1851, p. 213, pl. 79; Allen, Rod., p. 886; Alston, Biol. Centr.-Am., 1880, p. 135; Allen, Bull. Amer. Mus., 1889, p. 172. | Mexico Occid., Colima, San Blas (Territ. de Tepic). |
| ? *Lewisi*, H. Smith, An. Kingd., 1827, III, pl., p. 190. | » |

C. **Colobotis**, Brandt, 1844; Allen, 1877.

*Anisonyx*, Raf., 1817.

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| 2435. **empetra**, Pall., Glir., 1778 (Arctomys); Schreb., Säug., IV, p. 743, pl. 210; Desm. Mam., 1822, II, p. 329; Allen, Rod., p. 839. | America Boreali ab Hudson-Bay, I. Melville, Cap. Parry, etc. (Reg. Arcticis), ad Canada, et United-States sept., M$^{s}$ Saxosos. |
| *canadensis*, p., Erxleb. (Glis), 1777. | » |
| *Parryi*, Richards., App. Parr. Second Voy., 1825, p. 316; Fauna Bor., pl. 10; Wagn., S. S. S., pl. 120. | » |
| *alpina*, Parry (nec L.) 1825. | » |
| *Kennicotii*, Ross, 1861. | Alaska, I. Kodiah. |
| *a.* — *Kodiacensis*, Allen, Proc. Bost. Soc., 1874, XVI, p. 292; Rod., p. 840. | Asia Sept.-Orient., ad fretum Behring, ? Kamtschatka. |
| *b.* — *phaeognathus*, Richards., Faun. Bor., 1829; Allen, Proc. Bost. Soc., 1874. | Columbia Britann., Territ. Washington, Idaho. |
| *c.* — *columbianus*, Ord in Guthrie's Geogr., II, 1815, p. 292; Merriam, N.-Am. Fauna, N° 5, 1891, p. 39. | » |
| *brachyura*, Rafin., Am. Mont. Mag., II, 1817, p. 45 (Anisonyx). | » |
| *Parryi* Var. *erythrogluteia*, Richards., 1829; Allen, 1874 et *erythroglutaeus*, Allen, 1877. | |

2436. **Eversmanni,** Brandt, Bull. Acad. S[t] Petersb., IX, 1841, p. 43; 1843, II, p. 373; Middendorff, Reis., 1853, pl. III; Schrenck, 1858; Radde, 1862; Büchn., Mam. Przewals., 1888, p. 21, pl. IV, fig. 4—6. — Siberia merid. et orient., M[s] Altaï, Regione Amour, Yakoutas, Kokotan, Tjan-schan, Juldus, Sairam-nor.

*altaïcus,* Eversm., Add. Zoog. R.-As., fasc. 2, 1841, p. 1 (Arctomys).

† *Er. fossilis,* Nehring, Zool. Gart., 1878, p. 257; Zeits. Ges. Naturw., 1880, VI, p. 524. — † Pleistocaen. Germania.

2437. **Richardsonii,** Sabine, Trans. Linn. Soc., XIII, 1822, p. 389, pl. 28; Richards., Faun. Bor., 1829, I, pl. 11; Aud. et Bachm., Quadr., 1843, I, pl. 1; Allen, Rod., p. 848; Bailey, Bull. Dep. Agric., N° 4, 1893, p. 59, pl. III. — America Sept.-Occ., a Reg. Saskatchewan ad Dakota sept., Pembina.

*guttatus,* Richards. (nec Temm.), Fauna Bor., 1829, I, p. 162. — »

[† *Richardsonii foss.,* Quenstedt (Vide *Sp. guttatus*).] — »

2438. **Townsendii,** Bachm., Journ. Acad. Phil., 1839, VIII, p. 61; Aud. et Bachm., Quadr., 1853, III, pl. 147, fig. 1; Merriam, North-Am. Fauna, N° 5, 1891, p. 36 (nec Allen, 1877). — Reg. flum. Columbia ad ost. fl. Walla-Walla, Idaho, Utah, Snake Rivers.

*mollis,* Kennicott, Proc. Ac. Nat. Sc. Phil., 1863, p. 158. — »

2439. **elegans,** Kennicott, Proc. Acad. Philad., 1863, p. 158; Merriam, North-Amer. Fauna N° 5, 1891, p. 39; Allen, Bull. Am. Mus., 1896, p. 254. — Utah, Wyoming (Fort Bridger), Idaho merid., (Birch Creek, Teton Canon).

*Richardsoni* Var. *Townsendii,* Allen, 1877 (nec Bachm., 1839). — »

2440. **armatus,** Kennicott, Proc. Acad. Philad., 1863, p. 158; Merriam, N.-Am. Fauna N° 5, 1891, p. 38. — Wyoming ad ped. Montium Uinta, M[s] Blackfoot.

2441. **Beldingi,** Merriam, Ann. N.-York Acad., IV, 1888, p. 317, fig.; Landkavel, Zool. Gart., XXI, 1890, p. 176. — California.

2442. **perotensis,** Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 131. — Mexico.

## D. **Xerospermophilus**, Merriam, 1892.

2443. **obsoletus.** Kennicott, Proc. Acad. Philad., 1863, p. 157; Allen, Rod., p. 866; Allen, Bull. Am. Mus., 1896, p. 254; Bailey, Bull. Dep. Agricult., N° 4, 1893, p. 58. — Nebraska, Black-Hills, Fort Kearney.

2444. **spilosoma.** Bennet, P. Z. S., 1833, p. 40; Aud. et Bachm., Quadr., pl. 109; Baird, Mam., pl. 7, fig. 3; Allen, Rod., p. 864; Alston, Biol. Centr.-Am., 1880, p. 137; Allen, Bull. Am. Mus., 1891, p. 185. — Novo-Mexico, Texas.

*mexicanus*, p., Aud. et Bachm., 1853. — »

*a.* — *macrospilotus*, Merriam, North-Amer. Fauna, N° 4, 1890, p. 38; Allen, Bull. Amer. Mus., 1895, p. 239. — Arizona, M^s^ Chicahua.

*b.* — *major*, Merriam, North-Amer. Fauna, N° 4, 1890, p. 39. — Novo-Mexico (Albuquerque).

*c.* — *pratensis*, Merriam, North-Am. Fauna, N° 3, 1890, p. 55. — Arizona, M^s^ San Francisco.

*d.* — *obsidianus*, Merriam, North-Am. Fauna, N° 3, 1890, p. 56. — M^s^ San Francisco sept.-orient.

*e.* — *annectens*, Merriam, Proc. Biol. Soc. Wash., VIII, 1893, p. 132; Allen, Bull. Am. Mus., VI, 1894, p. 182. — Texas, Aransas (I. Mustang et Padre).

2445. **cryptospilotus**, Merriam, North-Amer. Fauna, N° 3, 1890, p. 57, pl. IX, fig. 1—3; Allen, Bull. Amer. Mus., 1895, p. 240. — Arizona, Painted Desert (Tenebito Wash), fl. Little-Colorado.

2446. **canescens**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 38; Allen, Bull. Am. Mus., 1895, p. 239. — Arizona, Wilcox, Cochise Co.

2447. **sonoriensis**, Ward, Amer. Natur., 1891, p. 158. — Mexico, Sonora, (Hermosillo).

2448. **mohavensis**, Merriam, North-Amer. Fauna, N° 2, 1889, p. 15; Proc. Biol. Soc. Wash., VII, 1892, p. 27. — California, Desert. ad flum. Mojave.

## E. **Ictidomys**, Allen, 1877.

2449. **tereticaudus**, Baird, Mam. N.-Am., 1857, p. 315; U. S. Mex. Bound. Surv., 1859, II, 2, pl. 7, fig. 2 (caput.); pl. 22, fig. 4 (cran.); Allen, Rod., 1877, p. 821, 825, 863; Mearns, Bull. Am. Mus., I, 1886, p. 197; Allen, Bull. Am. Mus., 1895, p. 238. — America Sept.-Occid., California merid. (Fort Yuma), Arizona (Fort Lowell).

2450. **neglectus,** Merriam, North-Am. Fauna, N° 2, 1889, p. 17. — Arizona, Mojave, Dolan's Spring.

2451. **mexicanus,** Licht., Darst. Neu. Säug., 1830, pl. 31, fig. 2; Aud. et Bachm., Quadr., 1853, III, pl. 109 (nec juv. suppos.); Baird, Mam., p. 319; Allen, Rod., p. 868; Alston, Biol. Cent.-Amer., 1880, p. 137; Bailey, Bull. Dept. Agric., N° 2, 1893, p. 46. — Texas merid.-occid., Novo-Mexico, Mexico, Toluca. Matamoras, Guanajuato, Tlalpam.

*a.* — *parvidens*, Mearns, Proc. U. S., Nat. Mus., 1896, XVIII, p. 444. — Texas, Kinney County.

2452. **tridecimlineatus,** Mitchell, Med. Rep., 1821, XXI, p. 248; Aud. et Bachm., Quadr., I, 1849, p. 294, pl. 39; Allen, Rod., 1877, p. 871; Bailey, Bull. Dep. Agric., N° 4, 1893, p. 31, pl. I. — America Sept., Canada et United-States Occid., a Reg. Saskatchewan ad Territ. Occid. Dakota, etc.

*Hoodii,* Sabine, Trans. Linn. Soc., 1822, p. 590, pl. 29; Richards., Fauna Bor., 1829, pl. 14; F. Cuv., Mam., pl. 232.

*a.* — *pallidus*, Allen, Proc. Bost. Soc. 1874, XVI, p. 291; Rod., p. 873; Bull. Amer. Mus., 1895, p. 339. — Nebraska.

*b.* — *olivaceus,* Allen, Bull. Amer. Mus., 1895, p. 337, 339. — Dakota merid., Black Hills.

*c.* — *parrus,* Allen, Bull. Amer. Mus., 1895, p. 337, 339. — Utah sept.-orient.

2453. **Franklini,** Sabine, Trans. Lin. Soc., 1822, XIII, p. 587, pl. 27; Richards., Faun. Bor., 1829, pl. 12; Aud. et Bachm., Quadr., II, 1851, pl. 84; Baird, Mam., pl. 46, fig. 4 (cran.); Allen, Rod., p. 881; Bailey, Bull. Dept. Agricult., N° 2, 1893, p. 48, pl. II. — Canada merid. et United-States Occid., a 64° lat. sept., usque ad Dakota. Jowa (introduct. in New-Jersey).

F. **Spermophilus,** p. d.

2454. **citillus,** L., Sys. Nat., 1766, I, p. 80; Pallas, Glir., 1778, p. 119, pl. 6; Schreb., Säug., IV, pl. 211 A; F. Cuv., Mam., pl. 231; Brandt, Bull. Ac. Petersb., 1843, II, p. 376; Blasius, Fauna Deuts., 1857, p. 275, fig. (cran.). — Europa merid.-orient., a Germania merid., Austria, Polonia, Ungria, M^s^ Haemus, usque ad Rossiam merid.

*germanicus,* Briss., Quadr., p. 147. — »

*undulatus*, Temm., Mon. Mam., I, p. 27, (nec Pall.). — »

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| *a.* — Var. *flavescens*, Pall., Glir., p. 122. | Europa merid.-orient., a Germania etc. |
| *concolor*, Temm. (nec Is. Geoff.), l. c., p. 27. | |
| † *citillus foss.*, Nehring, Arch. Anthrop., 1878. | † Pleistoc. Germania. |
| 2455. **guttatus**, Pall., Nov. Comm. Petrop., 1778, XIV, pl. 21, fig. 2 (Var.); Glir., p. 76, pl. 6; Temm., Monogr., I, p. 27; Nordmann, Voy. Demidoff, 1841, I, pl. 3. | Rossia merid., flum. Tanais, et in merid. rip. flum. Volga. |
| *citillus* Var. *casaniensis*, Pall., l. c. | » |
| *guttulatus*, Schinz, Syn. Mam., II, p. 70. | » |
| *a.* — *leucostictus*, Brandt, Bull. Acad. S^t^ Petersb., 1843, II, p. 379. | Siberia Occid., usque ad fl. Lena. |
| *b.* — † *guttatus foss.*, Nehring, Zeits. deuts. geol. Ges., 1880, p. 468. | † Pleistocaen. Europa media. |
| *ponticus*, Brandt-Woldrich, 1888. | » |
| *c.*? — † *Richardsonii foss.*, Quenstedt, Petref., 1882, p. 59, pl. III, fig. 57. | Pleistocaen. Wurtemberg. |
| 2456. † **superciliosus**, Kaup, Oss. Foss., 1839, p. 112, pl. XXV, fig. 34; Giebel, Odont., pl. 20, fig. 10; Gerv., Zool. et Pal. Fr., 1859, p. 19; Brandt-Woldrich, 1887. | † Pleistocaen. Europa intermedia, Gallia, Germania. |
| *priscus*, Giebel (Sciurus). | » |
| *ambiguus*, Pomel (Sciurus). | » |
| *a.*? — *sp.*, Nehring, S.-B. Ges. Naturf. Fr. Berl., 1891, p. 175. | Gallia Merid. (Gironde). |
| 2457. † **erythrogenoïdes**, Falcon., Pal. Mem., 1868, II, p. 453. | † Pleistocaen. I. Britannicae (Anglia). |
| *a.* — *sp.*, Newton, Geol. Mag., IX, 1882, p. 51. | » |
| 2458. **rufescens**, Keys. et Blas., Wirbelt. Europ., 1840, p. 42; Brandt, Bull. Acad. S^t^ Petersb., 1843, II, p. 367. | Rossia merid. et Orient., in merid. Montium Oural: a Kazan ad Orembourg (a 49° ad 60° lat. sept.). |
| *citillus* Var. *undulata*, Pall., Glir., pl. 6; Schreb., Säug., IV, pl. 211 A. | |
| *undulatus*, Eversm., Bull. Nat. Moscou, 1840, p. 35. | » |

†*rufescens foss.*, Blasius, Zool. Anz., 1882; III. Jahresb. Ver. Nat. Braunschw., 1881—83, p. 126; Nehring, S.-B. Ges. Naturf. Fr. Berlin, 1889, p. 35, 37; Tundren, 1890, p. 182. — †Pleistocaen. Europa intermedia, Germania.

*altaïcus foss.* et *Eversmanni foss.*, Nehring (anteà). — »

2459. **fulvus**, Licht., Eversm. Reis., 1823. p. 119; Keys. et Blas., Wirbelt. Europ., 1840, p. 42; Brandt, Bull. Acad. S[t] Petersb., 1843, II, p. 366; Zool. Anh. Lehmann Reis., p. 303; Radde et Walt., Zool. Jahrb., Syst., 1889, p. 1031. — Rossia merid.-orient., in merid. Montium Oural, Transcaspia.

†*fulvus foss.*, Nehring, Tundren, 1890, p. 182. — †Pleistocaen. Europa.

2460. **concolor**, Is. Geoff. (nec Temm.), Voy. Belang., 1834. p. 151, pl. 8; Blanford, East. Persia, 1876, II, p. 51. — Persia Sept.-Occid., Azerbaidjan, Sultaniah, Kazvin Sept.-Occ.

*persicus*, Lesson; *citillus* Var. *gigantea*, Pallas.

2461. **musicus**, Ménétriés, Catal. Rais. de Zool., 1832, p. 21; Brandt, Bull. Acad. S[t] Petersb., 1843, II, p. 371; Satunin, Zool. Jahrb., Syst., 1896, p. 297. — M[s] Caucasus, Georgia, Dagestan, M[s] Koi-ssu, Elbruz, in montibus ad 2858 m. alt.

2462. **bactrianus**, Scully, Journ. As. Soc. Beng., LVI, 1887, p. 70; Ann. N. H., XX, p. 381. — Turkestan merid. (Afghanist. sept.).

2463. **erythrogenys**, Brandt, Bull. Ac. S[t] Pet., IX, 1841, p. 44; 1843, II, p. 367; Büchner, Mam. Przewalskiana, 1888, p. 8, pl. I, IV, fig. 1—3. — Asia centrali, M[s] Altaï, Tjan-schan, Sairam-nor, flum. Borotala.

2464. **alaschanicus**, Büchner, Mam. Przewals., 1888, p. 11, pl. II, fig. 1. — Alaschan merid.

2465. **mugosaricus**, Licht., Eversm. Reis., 1823, p. 19; Neue Wirb., pl. 32, fig. 8; Brandt, Bull. Acad. S[t] Pet., 1843, II, p. 370. — Turkestan, M[s] Mugosori, usque ad Mare Caspi., Lac Aral, Sarepta.

*citillus* Var. *nana* et *pygmaea*, Pall.

*concolor*, p., Gray et Fisch. — »

2466. **brevicauda,** Brandt, Bull. Acad. S[t] Petersb., 1843, II, p. 369; Zool. Anhang. Lehmann's Reise, p. 303; Radde et Wagner, Zool. Jahrb., Syst., 1889, IV, p. 1031. — Transcaspia, Reg. in merid. lat. Montium Altaï, Mongolia sept.-occid.

*mugosaricus,* p., Eversm., Bull. Nat. Moscou, 1840, p. 38. — »

*a.* — *intermedius,* Brandt, l. c., 1843, p. 378. — »

2467. **dauricus,** Brandt, Bull. Acad. S[t] Petersb., 1843, II, p. 379; Radde, Mél. Biol. Acad., III, 1861, p. 679; Reis. Sibir., 1862, I, p. 155, pl. VI, fig. 1. — Siberia merid., Daouria, Mongolia, Tarei-nor ad flum. Uldsa.

2468. **mongolicus,** A. M.-Edw., Ann. Sc. Nat., VII, 1867, p. 376; Recherches Mam., 1868, p. 157, pl. 17, fig. 1—3, pl. 18, fig. 3 et 3 d; Büchn., Mamm. Przewals., 1888, p. 13. — Mongolia orient., China sept.-occid. (Pekin); M[s] Muni-ula et Chara-narin-ula (Alaschan).

2469. **obscurus,** Büchn., Mam. Przewals., 1888, p. 17, pl. II, fig. 2, pl. IV, fig. 7—9. — Gansu, ad 3000 m. altit., prope flum. Tschagryn-gol.

### G. **Spermophilopsis,** Blasius, 1884.

*Arctomys* et *Spermophilus,* p., Auct.

2470. **leptodactylus,** Licht., Neue Wirb., 1834, pl. 32, fig. 1; Blasius, Tag. Deuts. Nat. Ver., 1884, p. 324; Radde et Walter, Zool. Jahrb., Syst., 1889, IV, p. 1030. — Turkestan, Kirghis. Transcaspia, Afghan (Alaka).

*turcomanus,* Eichwald, Reise, I, p. 305, 472. — »

## 497. † **Plesiospermophilus,** Filhol, 1882.

2471. † **angustidens,** Filhol, Bull. Soc. Phil., VII, 1882—83, p. 99; Ann. Soc. Sc. Toul., 1884, p. 16. — †Oligocaen. Gallia merid.

## 498. **Cynomys,** Rafin., 1817.

*Arctomys,* p. et *Spermophilus,* p., Auct.; *Lipura,* Illig., 1811.

2472. **ludovicianus,** Ord, Guthrie's Geogr., 1817, p. 292, 302; Aud. et Bachm., Quadr., II, 1851, pl. 99; Baird, Mam., 1857, p. 331, — America sept., in Orient. lat. Montium Saxosorum, a lat. 49°

pl. 47 (cran.); Allen, Rod., p. 892; Alston, Biol. Centr.-Am., 1880, p. 138; Haacke, Zool. Gart., 1888, p. 321, fig. — usque ad Mexico (Chihuahua).

*socialis* et *grisea*, Rafin., Am. Month. Mag., 1817, II, p. 45. — »

*missouriensis* (Warden), Desm., Mam., II, 1822, p. 329. — »

*latrans*, Harlan, Faun. Am., 1825, p. 306. — »

2473. **Gunnisoni**, Baird, Proc. Acad. Philad., 1855, p. 334; Mam., 1857, pl. 4, fig. 2, pl. 47, fig. 4 (cran.); Merriam, North-Am. Fauna, N° 3, 1890, p. 58, pl. 9, fig. 5, 6, 7 (cran.). — Reg. Sonora, Novo-Mexico, Mexico sept., Desert. Little Colorado.

2474. **leucurus**, Merriam, North-Amer. Fauna, N° 4, 1890, p. 33. — Wyoming, Fort Bridger.

2475. **arizonensis**, Mearns, Bull. Am. Mus., II, 1890, p. 305; VII, 1895, p. 237. — Arizona, M$^{s}$ Huachuca.

2476. **mexicanus**, Merriam, Proc. Biol. Soc. Wash., 1892, p. 157. — Mexico.

## 499. †**Plesiarctomys**, Bravard, 1850.

*Sciurus*, p., Pomel.

2477. †**Gervaisii**, Brav., Note Oss. Foss. Débruge, 1850, p. 5; Gerv., Zool. Pal. Fr., 1852, pl. 46, fig. 13; Schloss., Palaeont., 1884, p. 66. — †Eocaen. Gallia merid., (Apt, Vaucluse).

*arctomynus*, Pomel (Sciurus). — »

2478. †**Schlosseri**, Rütimeyer, Abh. Schweiz. Pal. Ges., 1891, XVIII, p. 89. — †Eocaen. Helvetia (Jura).

2479. †**sp.**, Lemoine, Bull. Soc. Geol., XIX, 1891, p. 289, pl. XI, fig. 144, 145. — †Eocaen. Gallia Orient.

## 500. **Arctomys**, Schreber, 1792.

*Mus*, p., L.; *Marmota*, Blumenb.

2480. **marmotta**, L., Syst. Nat., 1766, I, p. 81; Schreber, Säug., IV, 1792, p. 722; Cuv., Mém. Mus., IX, pl. 14; Blasius, Fauna Deuts., I, 1857, p. 280, fig. (cran.). — Europa merid. (in montibus), M$^{s}$ Alpes, M$^{s}$ Pyreneae, M$^{s}$ Karpathes.

*alpina*, Blum., Handb., p. 85; F. Cuv., Mam., pl. 229. — »

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| † *primigenia,* Kaup, Oss. foss., 1832. | † Pleistocaen. Europa. |
| *arvernensis,* Gerv., 1852. | » |
| *Lecoqui* et *Gastaldi,* Pomel. | » |
| 2481. **bobac,** Pall., Glir., 1778, p. 111, pl. 5 et 9, fig. 1—5; Schreb., Säug., IV, p. 738, pl. 209; Blas., Faun. Deuts., 1857, p. 283 (cran.); Radde, Reis. Sib., 1862, p. 158; Hensel, Arch. Naturg., 1879, p. 198, pl. XIII. | Europa Orientali, Galicia, Polonia, Rossia merid., Siberia usque ad Reg. Amur. |
| *arctomys,* Pall. (Mus.) | » |
| *baibacina,* Brandt, Bull. Ac. St Petersb., 1843, II, p. 364. | » |
| † *spelaeus,* Fisch., Mém. Nat. Mosc., 1834, III, p. 381; *bobac foss.,* Nehring et Auct. | † Pleistocaen. Rossia et Siberia. |
| *Fischeri,* Pomel, Cat. Vert. Foss., N° 25. | » |
| *a.* — Var. *sibirica,* Büchn., Mam. Przewals., 1888, p. 39. | Asia centrali, Ms Altaï, Mongolia Occ. |
| 2482. **dichrous,** Anders., Ann. Nat. Hist., XVI, 1875, p. 283; Journ. Linn. Soc., Zool., XII, 1876, p. 579, pl. 31; Büchn., Mam. Przewals., 1888, p. 10, pl. III et IV, fig. 11—14. | Afghanistan, Ms prope Kaboul, Thian-Shan, Vall. flum. Juldus, Sairam-nor, Ms Dschaïr. |
| *baibacinus,* Severtz. (nec Brandt), Ann. Nat. Hist., 1876, XVIII, p. 50. | |
| 2483. **himalayanus,** Hodgs., Journ. As. Soc. Beng., X, 1841, p. 777; Blanf., Yark. Miss., Mamm., 1879, p. 36, pl. 12, 12a; Mam. Ind., 1891, p. 388; Büchn., Mam. Przewals., 1888, p. 25. | Asia centrali, Ms Himalaya et Thibet, a Ladak Occid., ad Ms Keria, Ms Kuenlu (Yarkand), et usque ad Vall. Tarim. |
| *tataricus,* Jameson, Institut, 1847, XV, p. 384. | » |
| *bobac,* Anders. (nec Schreb.), P. Z. S., 1871, p. 560 (ex Gray, 1843). | » |
| *tibetensis,* Hodgs., 1843; *tibetanus,* Adams, 1858. | » |
| 2484. **robustus,** A. M.-Edw., Nouv. Arch. Mus., VII, 1870, Bull., p. 92; Recherches, Mam., 1872, p. 309, pl. 47, 49, fig. 2, 2d; Büchn., Mam. Przewals., 1888, p. 31. | Thibet Sept.-Orient., Ms Yaotschy, Ms Poema-lou, Ms Kuku-nor, (Moupin); Tengri-Nor, Batang, Gansu, Nan-Schan. |
| *himalayanus,* p., Blanf., 1875 et 1879. | |

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| 2485. **Hodgsoni,** Blanf., Yark. Miss., Mam., 1876, p. 35; Mam. Ind., 1891, p. 389; Anders., Cat. Mam. Ind. Mus. Calc., II, 1891, p. 42. | M$^{s}$ Himalaya, Nipal, Sikkim, Boutan, Darjiling. |
| *hemachalanus,* Hodgs., 1843 (nec »himalayanus«, 1841), J. A. S. B., XII, p. 410; Jerdon, Blanf. et Auct. | » |
| *tibetanus,* Gray, 1846, et Horsf. | » |
| *bobac,* p., Blyth, 1863. | » |
| 2486. **caudatus,** Is. Geoff., Voy. Jacq., 1842, p. 66, pl. V; Blanf., J. A. S. B., 1876, XLIV, p. 113; Yark. Miss., 1879, pl. 13 et 13a; Blanf., Mam. Ind., 1891, p. 390, fig. 124; Buchn., Mél. Biol. Acad. S$^{t}$ Petersb., XIII, 1892, p. 309. | Kashmir Sept.-Occid., Deosai, Dras, Astor, Gombur, Ladak (circa 4000 m. alt.), et usque ad Siberiam (in sept. lat. Montium Altaï). |
| *bobac,* p., Jerdon, Mam. Ind., 1867, p. 181. | |
| *hemachelana,* p., Anders. (nec Hodgs.), P. Z. S., 1871, p. 561. | » |
| 2487. **aureus,** Blanf., J. A. S. B., 1876, XLIV, p. 106; Yark. Miss., 1879, pl. XI et XIa; Anders., Cat. Mus. Calc., II, 1891, p. 43. | Pamir, Kaskasu Pass (4350 m. alt.), Yarkand. |
| ? *caudatus,* p., Severtz., Ann. Nat. Hist., 1876, XVIII, p. 50. | » |
| 2488. **camtschatica,** Brandt, Bull. Acad. S$^{t}$ Petersb., 1843, II, p. 364. | Siberia Sept.-Orient., Kamtschatka. |
| *monax,* p., Giebel; Middendorff, Reis. Sib., II. 1853, p. 85. | » |
| 2489. **caligatus,** Eschsch., Zool. Atlas, 1829, II, pl. 6; Tyrrell, Proc. Canad. Inst., VI, 1888, p. 88; Merriam, N.-Am. Fauna, N$^{o}$ 2, 1889, p. 8. | America Boreali a Reg. Arcticis ad limit. sept. United-States: Alaska, Territ. Mackensie, Canada, Territ. Washington, Columbia Britann., Oregon, M$^{s}$ Saxosi sept., M$^{s}$ Cascade, in Orient. usque ad Lac Athabasca. |
| *pruinosus,* Gm., Sys. Nat., 1788, I, p. 144 (partim); Aud. et Bachm., Quadr., 1853, III, p. 17, pl. 103; Allen, Rod., 1877, p. 924. | |
| *monax,* p., Wagn.; Giebel; Middend., Reis. Sib., 1853, II, p. 85; Cassin, U. S. Expl. Exp., Mam., 1858, p. 35. | |

2490. **monax,** L., Sys.Nat., 1758, I, p.60; Schreb., Säug., IV, p.737; Dekay, Zool.New-York, 1842, I, pl. 21, fig. 4, Aud. et Bachm., Quadr., 1849, I, pl. 2; Baird, Mam., 1857, pl. 49 (cran.); Allen, Rod., p. 911. — America sept., a Canada (Hudson-Bay, flum. Liard), United-States Or., usque ad Carolinas et in Occid. part. usque ad Missouri, Iowa, Minnesota.

*canadensis,* p., Erxleb., Sys. An., 1777, p. 363.

*empetra,* p., Pall., Glir., 1778, p. 74; Richards., Faun. Bor., 1829, I, pl. 9; F. Cuv., Mam., pl. 230; Gray et Auct.; Gerv., Mam., I, pl. 28.

*melanopus* et *canadensis,* Kuhl, Beit., 1820, p. 64. — »

†*monax foss.,* Leidy, 1869. — † Pleistocaen. Virginia.

*(Stereodectes) tortus,* Cope, Proc. Am. Phil. Soc., 1869, p. 172, pl. 3.

2491. †**vetus,** Marsh, Amer. Journ. Sc. and Arts, 1871, II, p. 121. — † Pliocaen. Nebraska sept.

2492. **flaviventer,** Aud. et Bachm., Proc. Ac. Philad., 1841, p. 99; Quadr., III, 1853, pl. 134; Baird, Mam., 1857, p. 343, pl. 47, fig. 1 (cran.); Allen, Rod., 1877, p. 921; Bull. Am. Mus., 1893, p. 81. — America Sept.-Occid., M$^{s}$ Saxosi merid., Colorado, Texas Occid., Oregon, Arizona, Novo-Mexico, California sept., Sierra-Nevada.

2493. **dacota,** Merriam, North-American Fauna, N° 2, 1889, p. 8. — Dakota, Black Hills.

## Subfam. 3. **Nannosciurinae.**

### 501. **Nannosciurus,** Trt., 1880; F.-Major, 1893.

*Sciurus,* p., Auct.

2494. **exilis,** Müll. et Schleg., Tijds. Natur. Ges., 1838, p. 148; Verhandl., 1839—44, p. 97, pl. 15, fig. 4, 6; Jentink, Notes Leyd. Mus., 1883, p. 127; Trouessart, Le Natur., II, 1880, p. 290 (Subgenus) et Bull. U. S. Geol. Surv., 1881, p. 304; F. Major, P. Z. S., 1893, p. 189—190 (Genus et subfam.); Hose, Mam. Borneo, 1893, p. 52 (Sciurus). — Malacca, Sumatra, Borneo.

2495. **concinnus**, Thomas, Ann. Nat. Hist., II, 1888, p. 407. — I. Philippinas, Isabella, Basilan.

2496. **Whiteheadi**, Thomas, Ann. Nat. Hist., XX, 1887, p. 127; P. Z. S., 1889, p. 231, pl. XXIV; Hose, Mam. Borneo, 1893, p. 52. — Borneo sept. M$^{s}$ Kina-Balu.

2497. **melanotus**, Müll. et Schleg., Verhandl., 1839—44, p. 98, pl. 14, fig. 4, 5; Sclat., Cat. Mam. Ind. Mus. Calc., II, 1891, p. 21; Hose, Mam. Borneo, 1893, p. 51. — Sumatra, Banka, Java, Borneo.

*soricinus*, Waterh., Cat. Mam., 1838, p. 46 (nomen nudum); Jentink, Notes Leyd. Mus., 1883, p. 131. — »

2498. **minutus**, Du Chaillu, Proc. Bost. Soc. Nat. Hist., VII, 1861, p. 366; Jentink, Notes Leyd. Mus., IV, 1882, p. 29. — Africa Occid., Gabon (Kendo in montibus) a 2° lat. sept. ad 2° lat. merid.

2499. **ganana**, Rhoads, Proc. Ac. Nat. Sc. Phil., 1896, p. 522 (Sciurus). — Africa Orient., Lac. Rudolf.

## Subfam. 4. †Leithiinae.

### 502. †Leithia, Forsyth Major, 1895.

*Myoxus*, p., Leith Adams, 1863.

2500. †**melitensis**. Leith Adams, Journ. R. Dublin Soc., IV, 1863, p. 18; Trans. Zool. Soc., VI, p. 307; Notes Nile Vall. and Malta, 1870, pl. III, fig. 7; F. Major, P. Z. S., 1895, p. 860, fig. 1, p. 861. — †Pleistocaen. I. Malta.

*Cartei*, L. Adams, l. c., 1870. — »

## Incertae Sedis.

### 503. †Haplostropha, Ameghino, 1891.

2501. †**scalabriniana**, Amegh., Rev. Argent., I, 1891, p. 140, fig. 38. — †Oligocaen. inf., La Plata.

## Familia IV. **Castoridae.**

### 504. Castor, L., 1766.

*Palaeomys*, p., Wagn.; *Trogontherium*, p., Fisch.

| | | |
|---|---|---|
| 2502. **fiber**, L., Sys. Nat., 1766, I, p. 78; Schreb., Säug., 1792, IV, p. 623, pl. 166, 175; F. Cuv., Mam., pl. 275; Blas., Faun. Deuts., 1857, p. 403, fig. 224, 225 (cran.). | | Europa et Asia sept.-occid., a 67° ad 33° lat. sept.; a Laponia ad Galliam merid.; Germania, Rossia, Siberia, Turkestan. |
| | *communis*, L., Mus. Ad. Frid., I, p. 9. | |
| | *europaeus*, Owen, Brit. Foss. Mam., 1846, p. 190. | |
| *a.* | — †*fiber foss.*, Cuv., Oss. foss., V, pl. III; Cornal.; Nehring; Newton; Brandt-Woldrich. | † Pleistocaen. Europa et Asia sept. |
| | *Werneri*, Fisch.; *spelaeus*, Wagn., Pict.; *priscus*, Schmerl.; *Cuvieri*, Pict. (nec Fisch.), Gerv.; *Castor trogontherium*, Cuv. | » |
| 2503. †**plicidens**, F. Major, Atti Soc. Tosc. Sc. Nat., 1874, p. 39. | | † Pliocaen. Italia. |
| 2504. †**Rosinae**, F. Major, Arch. Antr. et. Etn., VI, 1876, p. 345. | | † Pliocaen. Italia. |
| 2505. †**Ebeczkyi**, Krenner; Schlosser, Palaeont., 1884, p. 26. | | † Pliocaen. Ungria. |
| 2506. **sp.**, Depéret, Mém. Soc. Géol., I, 1890, p. 47, pl. IV, fig. 17, 18. | | † Pliocaen. Gallia merid. |
| 2507. **canadensis**, Kuhl, Beitr., 1820, p. 64; Baird, Mam. N.-Am., 1856, pl. 48, fig. 1 (cran.); et Auct. Am. recentiores). | | America sept., a Reg. Arcticis. Canada, Alaska. Columbia britann., Oregon, California, Texas, Florida, Mexico (Matamoras). |
| | *americanus*, Pennant, Arct. Zool., 1784, I, p. 98; Richards., Faun. Bor., 1829, I, p. 105; Aud. et Bachm., Quadr., 1849, I, pl. 56; F. Cuv., Mam., pl. 274; Brandt, Mém. Acad. St Petersb., 1855, VII, p. 64, pl. 1—3. | |
| | *fiber*, p., Allen, Rod., 1877, p. 433; Alston, Biol. Centrali-Amer., 1880, p. 139. | » |
| | †*canadensis foss.*, Leidy, Holme's Post-plioc. foss. S.-Carol., 1860, III, pl. 21, fig. 2. | † Pleistocaen. Carolina merid., Pensylvania. |
| *a.* | — *frondator*, Mearns, Proc. Nation. Mus., XX, 1897, p. 2 (separ.). | Wyoming. Montana, Mexico sept., Sonora, flum. San-Pedro. |

### 505. †**Eucastor,** Leidy, 1858.

2508. †**tortus,** Leidy, Proc. Ac. Phil., 1858, p. 23; Ext. Mam. Faun., 1869, p. 341, 405, pl. 26, fig. 21, 22; Allen, Rod., 1877, p. 449. — †Miocaen. America sept., Nebraska.

### 506. †**Mylagaulus,** Cope, 1881.

2509. †**sesquipedalis,** Cope, Amer. Nat., 1881, p. 586. — †Pliocaen. Oregon.

2510. †**monodon,** Cope, Am. Nat., 1881, p. 586. — †Pliocaen. Nebraska.

### 507. †**Trogontherium,** Fischer, 1809.

*Castor,* p., Cuv., 1812; *Diabroticus,* Pomel; *Conodontes,* Lartet.

2511. †**Cuvieri,** Fischer; ex Cuv., Rech. Oss. Foss., 1812, V, pl. III, fig. 11, 12; Owen, 1846 (partim.); Newton, Geol. Mag., VIII, p. 256; Trans. Zool. Soc., 1892, XIII (nec Pict., nec Gerv.). — †Pliocaen. Europa, Belgia, Gallia, Ins. Britannia.

*Schmerlingii,* Pomel, Bibl. Univ. Genèv., Arch., 1848, p. 167; Gervais, Zool. et Pal. Gen., 1867, I, p. 80, 104 (Conodus); »Agouti,« Schmerl. — »

*Boisvilleti,* Lartet; Laugel, 1862; Gerv., 1867. — »

*veterior,* Lankest., Ann. Nat. Hist., 1864, p. 355, pl. VIII. — »

2512. †**minus,** Newton, Quart. Journ. Geol. Soc., 1890, p. 447, pl. XVIII, fig. 5, 6. — †Pliocaen. I. Britannia.

2513. †**sp.** vel **gen.,** Lydekk., Cat. Mam. Foss., I, 1885, p. 221, fig. 30. — †Pleistocaen. I. Britannia.

### 508. †**Steneofiber,** E. Geoff., 1833.

*Castor,* p., Gerv. et Auct.; *Chalicomys,* Kaup, 1839; *Chelodus* et *Aulacodon,* Kp., 1839; *Castoromys,* Pomel, 1853; *Steneotherium,* E. Geoff.; *Palaeocastor,* Leidy, 1869; *Chloromys,* Meyer.

2514. †**Eseri.** v. Meyer, Jahrb. Min., 1838, p. 414; 1846, p. 474; Schloss., Pal., 1884, p. 21, pl. VI. — †Miocaen. Europa, Gallia, Germania.

*viciacensis*, Gerv., Patria, 1845, p. 522; E. Geoff., Rev. Encycl., 1833; Gerv., Zool. et Pal. Fr., 1852, p. 22; Filhol, Bibl. Hautes Etudes, 1879, p. 44, pl. V, VI. — † Miocaen. Europa, Gallia, Germania.

2515. † **Jaegeri**, Kaup, Jahrb. Min., 1839, p. 316; Oken, Isis, 1832, p. 994, pl. 26, fig. 1—4; Fraas, Faun. Steinh., 1870, p. 14; Schloss., 1884, pl. VI; Depéret et Rérolle, Bull. Soc. Geol., 1885, p. 498, pl. 17; Depéret, Arch. Mus. Lyon, IV, 1887, p. 156, pl. XIII; Hofmann, 1887; Abh. Geol. R., 1893, p. 44. — † Miocaen. Europa media, Germania, Gallia merid.

*typus*, Kaup (Chelodus et Aulacodon). — »

*subpyrenaïcus*, Lart.; Gerv., Zool. et Pal., pl. 48, fig. 5. — »

*Nouleti*, Pomel, Cat., 1853, p. 21. — »

2516. † **minutus**, v. Meyer, Jahrb. Min., 1846, p. 474; Schloss., 1884; Depér., Arch. Mus. Lyon, V, 1892, p. 50, pl. II; Hofm., Abh. Geol. Reich., 1893, p. 45, pl. II, fig. 7—10. — † Miocaen. Europa media, Germania, Gallia merid.

*Larteti*, Pomel, 1853. — »

*sansaniensis*, Lartet, 1851 (Myopotamus); Gerv., Zool. et Pal., pl. 48, fig. 1—3. — »

2517. † **minimus**, Filhol, Ann. Soc. Geol., XXI, 1891, p. 45, pl. I, fig. 7. — † Miocaen. Gallia merid.

2518. † **sigmodus**, Croizet; Gerv., Zool. et Pal. Fr., 1852, p. 22, pl. I, f. 13; Schloss., 1884, pl. VI. — † Pliocaen. Gallia merid.

*issiodorensis*, Croiz., Gerv., l. c., p. 20, pl. 48. — »

2519. † **nebrascensis**, Leidy, Proc. Ac. Philad., 1856, p. 89; Ext. Mam. Faun., 1869, p. 338, pl. XXVI; Allen, Rod., p. 451. — † Miocaen. America sept., Nebraska.

2520. † **gradatus**, Cope, Tert. Vert., 1884, p. 844, pl. 43, fig. 22. — † Miocaen. Oregon.

2521. † **peninsulatus**, Cope, Tert. Vert., 1884, p. 840, pl. 43, fig. 18—21. — † Miocaen. Oregon.

2522. † **pansus**, Cope, Proc. Ac. Philad., 1874, p. 222; Ann. Rep., 1875, Final Rep. West 100 Merid., 1877, p. 297, pl. 69, fig. 4—14. — † Miocaen. Novo-Mexico.

2523. †**montanus**, Scott, Amer. Nat., 1893, p. 660; Trans. Amer. Phil. Soc., XVIII, 1894, p. 76. †Miocaen. Montana.

### 509. †Palaeomys, Kaup, 1832.

2524. †**castoroïdes**. Kp., Isis, 1832, p. 992; Oss. Foss., 1839, p. 113, pl. XXV, fig. 7—13. †Miocaen. Germania.

### 510. †Sigmogomphius, Merriam, 1896.

2525. †**Leconteï**. Merriam, Bull. Dept. Geol. Surv. Calif., 1896. †Pliocaen. America sept.

### Incertae Sedis.

### 510[b]. †Bramus, Pomel, 1892.

2525[b]. †**barbarus**. Pomel, C.-R. Acad. Sc., CXIV, 1892, p. 1159; Merriam, N.-Am. Fauna, N° 12, 1896, p. 73. †Pleistocaen. Tunisia.

## Familia V. **Aplodontidae.**

### 511. Aplodontia, Richards., 1829.

*Haplodon*, Wagler, 1831; *Anisonyx*, p., Rafin., 1817; *Arctomys*, p., Harlan et Auct.

2526. **rufa**. Rafin., Amer. Month. Mag., 1817, II, p. 45; Desm., Mam., 1822, II, p. 330, et Auct. Am. recent; Merriam, Ann. N.-Y. Acad. Sc., 1886, pl. XX, fig. *c*, *d*.
*leporina*, Richards., Zool. Journ., 1829, IV, p. 335; Faun. Bor., p. 211, pl. 18 c, fig. 7—14; Aud. et Bachm., Quadr., 1853, III, pl. 123; Baird, Mam., p. 353, pl. 20, fig. 4a—d, pl. 49, fig. 2; Allen, Rod., p. 549, 557, pl. VI (cran.).
? Var. *california*, Peters, M.-B. Ak. Berl., 1864, p. 179 (juv., vel genus dist.). America Sept.-Occid., Territ. Washington, Oregon, in lat. occid. Montium Cascade; Columbia britann., Fretum Puget. M[s] Californiae sept.

2527. **major**, Merriam, Ann. N.-York Acad. Sciences, III, 1886, p. 312, 316, pl. XIX et XX. California, M[s] Sierra-Nevada, Placer County.

## Familia VI. †**Ischyromydae.**

### 512. †**Paramys,** Leidy, 1871.

*Plesiarctomys,* p., Leidy (anteà); *Pseudotomus,* Cope, 1872; *Sciuravus,* Marsh, 1871.

2528. †**delicatus,** Leidy, Proc. Acad. Philad., 1871, p. 231; Ext. Vert. Faun., 1873, p. 110, pl. VI, fig. 23—25. — †Eocaen. America sept., Utah, Wyoming.

2529. †**delicatior,** Leidy, l. c., 1871, p. 231; Ext. Faun., 1873, p. 110, 337, pl. VI et XXVII; Cope, Tert. Vert., 1884, p. 172, pl. 24a. — †Eocaen. Utah, Wyoming, Novo-Mexico.

2530. †**delicatissimus,** Leidy, l. c., 1871, p. 231; 1873, p. 112, 335, pl. VI; Cope, l. c., 1884, p. 179, pl. 24a. — †Eocaen. Utah, Wyoming, Novo-Mexico.

2531. †**buccatus,** Cope, Report Geol. Surv. West 100 Merid., 1877, IV, p. 171, pl. 44; Tert. Vert., 1884, p. 179, pl. 24a. — †Eocaen. Wyoming, Novo-Mexico.

2532. †**hians,** Cope, Tert. Vert., 1884, p. 183, pl. 24 (Pseudotomus). — †Eocaen. Wyoming.

2533. †**leptodus,** Cope, Tert. Vert., 1884, p. 183, pl. 24. — †Eocaen. Wyoming.

2534. †**sciuroïdes,** Scott et Osb., Proc. Am. Phil. Soc., XXIV, 1887, p. 256; Scott, Mamm. Uinta-Form., 1889, p. 474, pl. XI, fig. 1, 2. — †Eocaen. (Uinta), Utah.

2535. †**uintensis,** Osb., Bull. Am. Mus. Nat. Hist., VII, 1895, p. 81, fig. 5. — †Eocaen. Utah.

2536. †**robustus,** Marsh, Amer. Journ. Sc., IV, 1872, p. 218; Allen, Rod., p. 934. — †Eocaen. Wyoming.

2537. †**undans,** Marsh, l. c., II, 1871, p. 122 (Sciuravus). — †Eocaen. Wyoming.

2538. †**nitidus,** Marsh, l. c., II, 1871, p. 122; Allen, Rod., p. 935. — †Eocaen. Wyoming.

2539. †**parvidens,** Marsh, l. c., IV, 1872, p. 220. — †Eocaen. Wyoming.

2540. †**sp.,** Leidy, Ext. Vert. Faun., 1873, p. 113, pl. VI, fig. 30. — †Eocaen. Wyoming.

### 513. †**Tillomys,** Marsh, 1872.

2541. †**senex,** Marsh, Amer. Journ. Sc., IV, 1872, p. 219. — †Eocaen. Wyoming.

2542. †**parvus,** Marsh, l. c., 1872, p. 219. — †Eocaen. Wyoming.

### 514. †**Taxymys,** Marsh, 1872.

2543. †**lucaris,** Marsh, Amer. Journ. Sc., IV, 1872, p. 219. †Eocaen. Wyoming.

### 515. †**Colonomys,** Marsh, 1872.

2544. †**celer,** Marsh, Amer. Journ. Sc., IV, 1872, p. 220. †Eocaen. Wyoming.

### 516. †**Ischyromys,** Leidy, 1856.

*Colotaxis* et *Gymnoptychus,* part., Cope, 1873.

2545. †**typus,** Leidy, Proc. Acad. Philad., 1856, p. 89; Ext. Mam. Faun., 1869, p. 335, 405, pl. 26; Cope, Tert. Vert., 1884, p. 835, pl. 66, 67. †Miocaen. Dakota, Colorado.

*cristatus,* Cope, 1873 (Colotaxis). »

*chrysodon,* Cope, 1872 (Gymnopt.). »

### 517. †**Sciuromys,** Schlosser, 1884.

2546. †**Cayluxi,** Schloss., Palaeontog., 1884, p. 82, pl. VIII, fig. 2, 3, 7—9, 18. †Oligocaen. Gallia merid.

### 518. †**Mysops,** Leidy, 1871.

*Syllophodus,* Cope.

2547. †**minimus,** Leid., Proc. Acad. Philad., 1871, p. 232; Ext. Vert. Faun., 1873, p. 111, 336, pl. VI. †Eocaen. Wyoming.

*minutus,* Allen, Rod., p. 937. »

2548. †**fraternus.** Leidy, Ext. Vert. Faun., 1873, p. 112, 336, pl. XXVII, fig. 14, 15. †Eocaen. Wyoming.

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# Catalogus Mammalium

## tam viventium quam fossilium

a

Doctore **E.-L. Trouessart,**
Ancien Président de la Société Zoologique de France.

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**QUINQUENNALE SUPPLEMENTUM, ANNO 1904.**

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Fasciculus II.

**Rodentia.**

**Berolini**
R. Friedländer & Sohn
1904.

## Ordo VIII. **Rodentia.**

*Glires*, L. et Auctorum recentiorum.

### Subordo I. †**Protoglires.**[1])

*Proglires*, Osborn, 1902.

**Bibliographia.**


1902. — **H. F. Osborn,** American Eocene Primates, and the supposed Rodent Family *Mixodectidae* (Bull. Amer. Mus., 1902, p. 203—214).

1892. — **M. Schlosser,** Über die systematische Stellung der Gattungen *Plesiadapis, Protoadapis* . . . (J.-B. für Mineral., 1892, II, p. 238—240).

1903. — **Fl. Ameghino,** Los Diprotodontes del orden de los Plagiaulacoideos y el origen de los Roedores . . . (Anal. Mus. Nac. Buenos Aires, IX, 1903, p. 81—192).


### Familia I. †**Plesiadapidae.**

537. †**Plesiadapis,** Gervais, 1877.

Gervais, Journ. de Zool., 1877, p. 76.

| | |
|---|---|
| 2805. †**tricuspidens**, Gervais — (*380*). | †Eocaen. infer. Gallia Or., Helvetia. |
| 2806. †**remensis**, Lemoine — (*381*). | †Eocaen. inf. Gallia, Helvetia. |
| 2807. †**gervaisi**, Lemoine — (*382*). | †Eocaen. infer. Gallia. |
| 2808. †**trouessarti**, Lemoine — (*383*). | †Eocaen. infer. Gallia. |
| 2809. †**daubrei**, Lemoine — (*384*). | †Eocaen. infer. Gallia. |
| 2810. †**chevilloni**, Lemoine — (*385*). | †Eocaen. infer. Gallia. |
| 2811. †**sp.**, Rütimeyer — (*386*). | †Eocaen. inf. Helvetia |

[1]) Les *Promysopidae* et *Polymastodontidae* d'Ameghino (et Cope), pourraient prendre place ici, à côté des *Myxodectidae;* mais Ameghino les ayant maintenus dans les **Allotheria,** nous avons suivi son exemple (Voyez *Allotheria*).

538. †**Protoadapis,** Lemoine, 1878.

*Plesiadapis,* p., Lemoine (anteà).
Lemoine, Bull. Soc. Hist. Nat. Reims, 1878, p. 101.

2812. †**recticuspidens**, Lemoine — (*387*). †Eocaen. infer. Gallia.
2813. †**curvicuspidens**, Lemoine — (*388*). †Eocaen. infer. Gallia.
2814. †**crassicuspidens**, Lemoine — (*389*). †Eocaen. infer. Gallia.
2815. †**copei**, Lemoine — (*390*). †Eocaen. infer. Gallia.

539. †**Creoadapis,** Lemoine, 1893.

Lemoine, Bull. Soc. Géol., 1893, p. 361.

2816. †**douvillei**, Lemoine — (*391*). †Eocaen. infer. Gallia.

540. †**Plesiestonyx,** Lemoine, 1891.

Lemoine, Bull. Soc. Géol., 1891, p. 276.

2817. †**munieri**, Lemoine — (*1322*). †Eocaen. infer. Gallia Orient.

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Familia II. †**Mixodectidae.**

541. †**Mixodectes,** Cope, 1883.

Cope, Proc. Amer. Philos. Soc., 1883, p. 558.

2818. †**pungens**, Cope — (*318*); Matthew, Bull. Amer. Mus., 1897, p. 265, 266, fig. 1; Osborn, Bull. Am. Mus., 1902, p. 203—206, fig. 28, 30, 31. †Eocaen. infer New-Mexico.
2819. †**crassiusculus**, Cope — (*319*); Osborn, l. c., 1902, p. 207, f. 32. †Eocaen. infer. New-Mexico.

542. †**Olbotes,** Osborn, 1902.

Osborn, Bull. Amer. Mus., 1902, p. 205.

2820. †**copei**, Osborn, Bull. Am. Mus., 1902, p. 205, 206, f. 29. †Eocaen. infer. New-Mexico.

## Incertae Sedis.

### 543. †**Indrodon,** Cope, 1884.

Cope, Proc. Amer. Philos. Soc., XXI, 1884, p. 318, 319.

2821. †**malaris**, Cope — (*357*); Osborn, Bull. Amer. Mus., 1902, p. 208, f. 33, 34 (dentes, nec ossia membrorum). [1] — †Eocaen. infer. New-Mexico.

### 544. †**Microsyops,** Leidy, 1872.

*Palaeacodon*, Leidy, 1872; *Bathrodon* et *Mesacodon*, Marsh, 1872. Leidy, Proc. Acad. Nat. Sc. Philad., 1872, p. 20.

#### A. †**Cynodontomys,** Cope, 1882.

Cope, Proc. Amer. Phil. Soc., 1882, p. 151.

2822. †**latidens**, Cope — (*320*); Osborn, Bull. Amer. Mus., 1902, p. 208, 209, f. 35. — †Eocaen. infer. Wyoming.

*? (Chriacus) angulatus*, Cope (fide Osborn), — (*1300*). — »

#### B. †**Microsyops**, p. d.

2823. †**scottianus**, Cope — (*354*); Osborn, l. c., 1902, p. 209, f. 36.[2] — †Eocaen. infer. Wyoming.

2824. †**gracilis**, Leidy — (*352* exclus. syn. »*cuspidatus*«); Osborn, l. c., 1902, p. 210, f. 38, 39. — †Eocaen. med. Wyoming.

*elegans*, Marsh. — »

2825. †**speciosus**, Marsh — (*378*); Osborn, l. c., 1902, p. 212. — †Eocaen. med. Wyoming.

2826. †**typus**, Marsh — (*371*); Osborn, l. c., 1902, p. 212 (*Bathrodon*, Marsh). — †Eocaen. med. Wyoming.

2827. †**annectens**, Marsh — (*372*); Osborn, l. c., 1902, p. 213, f. 40, p. 212. — †Eocaen. med. Wyoming.

2828. †**verus**, Leidy — (*377*); Osborn, l. c., 1902, p. 210, 211 (sub *M. gracilis*).[3] — †Eocaen. med. Wyoming.

[1]) Les Genres **Opisthotomus** et **Apheliscus** de Cope *(sp. 359—362)*, basés sur des débris insuffisamment caractérisés, sont omis par Matthew et Osborn dans leurs révisions récentes (1899—1902).

[2]) »*Microsyops*« *speiranus* Cope *(353)*, n'appartient pas à ce genre et se rapproche davantage d'**Anaptomorphus** (fide Osborn, l. c., 1902, p. 210, fig. 37).

[3]) »*Palæacodon*« *vagus*, Marsh — *(376)*, appartient aux *Anaptomorphidae* (fide Osborn, l. c., p. 211).

Subordo II. **Rodentia,** p. d.
*Glires,* Auctorum (ex Linné).

Sectio I. **Sciuromorpha.**[1])

Familia I. **Anomaluridae.**

Subfam. 1. **Anomalurinae.**

545. **Anomalurus,** Waterhouse, 1842.

| | |
|---|---|
| 2829. **fraseri**, Waterhouse — (*2185*); Pousarg., Ann. Sc. Nat., III, 1896, p. 324; Parsons, Journ. Linn. Soc., 27, 1899, p. 317 (genus). | Africa Occid., à Liberia ad Congo, (Bangui). |
| **a.** — **beldeni**, Du Chaillu — (*2185a*). | Gabon. |
| **b.** — **chrysophaenus**, Dubois — (*2188*). *fraseri*, p., Pousarg., l. c., 1896. | Congo Merid., Landana. |
| 2830. **erythronotus**, A. M.-Edwards — (*2187*); Pousarg., l. c., 1896, p. 330. | Congo Gallican., (Gabon). |
| 2831. **fulgens**, Gray — (*2186*). | Gabon. |
| 2832. **batesi**, De Winton — (*2187B*). | Gabon (ad fl. Como). |
| 2833. **peli**, Temminck — (*2189*). | Fantis, Ashantis, Côte d'Or. |
| 2834. **orientalis**, Peters — (*2190*). | Africa Or. et Centrali, Zanzibar, Ms Nguru, Monda. |
| 2835. **cinereus**, Thomas — (*2191*); De Winton, Ann. Nat. Hist., 1898, I, p. 252. | Lac. Nyasa, fl. Rovuma super. |
| 2836. **jacksoni**, De Winton — (*2191B*). | Uganda, Ntebe. |
| 2837. **sp.**, Matschie, S.-B. Ges. Naturf. Berl., 1895, p. 4. | Uganda. |
| 2838. **beecrofti**, Fraser — (*2192*); Pousarg., l. c., 1896, p. 333. | Africa Occid., à Liberia, Camerones, ad Congo (Ogôoué, Bangui). |
| **a.** — **argenteus**, Schwann, Ann. Nat. Hist., 1904, XIII, p. 70. | Ad fl. Niger sup. (Abutschi). |
| 2839. **pusillus**, Thomas — (*2193*). | Africa Centrali (Mombuttu). |

[1]) Bien que des travaux récents aient montré que la classification des **Rodentia** avait besoin d'une révision complète, on a conservé ici, provisoirement, les divisions classiques en *Sciuromorpha, Myomorpha, Hystrichomorpha,* etc.

546. †**Leithia,** Forsyth Major, 1895.

*Myoxus,* p., Leith Adams, 1863.
Forsyth Major, P. Z. S., 1895, p. 860.

2840. †**melitensis,** Leith Adams — (*2500*); F. Major, Geol. Mag., 1899, p. 499. — †Pleistocaen. I. Malta.

Subfam. 2. **Idiurinae.**

547. **Zenkerella,** Matschie, 1898 (17 Mai).

*Aëthurus,* De Winton, 1898 (21 Mai).
P. Matschie, S.-B. Ges. Naturf. Berlin, 1898, p. 23, 63.

2841. **insignis,** Matschie — (*2195B*). *glirinus,* Winton, P. Z. S., 1898, p. 450, pl. 34, 35. — Camerones (Yaoundé), Congo (ad fl. Benito).

548. **Idiurus,** Matschie, 1894.

P. Matschie, S.-B. Ges. Naturf. Berl., 1894, p. 194; 1898, p. 25.

2842. **macrotis.** Miller, Proc. Biol. Soc. Wash., 1898, p. 73, f. 15—19. — Camerones (Efulen).

2843. **zenkeri,** Matschie — (*2195*); id., l. c., 1898, p. 25, f. 3. — Camerones merid. (Yaoundé).

Subfam. 3. †**Pseudosciurinae.**

549. †**Pseudosciurus,** Hensel, 1856.

*Palæomeryx,* p., et *Microchoerus,* p., Jäger.
Hensel, Zeits. Deuts. Geol. Ges., 1856, p. 660.

2844. †**suevicus,** Hensel — (*2196*). — †Miocaen. Germania, Suevia.

2845. †**minor,** Schlosser — (*2197*). — †Miocaen. Gallia.

550. †**Sciuroïdes,** F. Major, 1873.

*Sciurus,* p. et *Theridomys,* p., Pictet, 1861.
Forsyth Major, Palæontogr., XXII, 1878, p. 83.

2846. †**siderolithicus.** Pictet — (*2198*). — †Oligocaen. Helvetia.

2847. †**rütimeyeri,** Pictet — (*2199*). — †Oligocaen. Helvetia.

2848. †**minimus,** Rütimeyer — (*2200*). — †Oligocaen. Helvetia.

2849. †**quercyi,** Schlosser — (*2201*). — †Oligocaen. Gallia merid.

2850. † **intermedius**, Schlosser — (*2202*). † Oligocaen. Gallia merid.

2851. † **fraasi**, Major — (*2203*). † Miocaen. Germania.

### Subfam. 4. † Trechomyinae.

#### 551. † Trechomys, Lartet, 1869.

*Theridomys*, p., Filhol.
Lartet, Ann. Sc. Nat., Zool. et Pal., XII, 1869, p. 151.

2852. † **insignis**, Schlosser — (*2204*). † Oligocaen. Gallia merid.

2853. † **intermedius**, Schlosser — (*2205*). † Oligocaen. Gallia merid.

2854. † **pusillus**, Schlosser — (*2206*). † Oligocaen. Gallia merid.

2855. † **bonduelli**, Lartet, Ann. Sc. Nat., 1869, p. 151–162; Schlosser — (*2207*). † Oligocaen. Gallia (Paris) et Helvetia.

### Subfam. 5. † Theridomyinae.

#### 552. † Theridomys, Jourdan, 1838.

*Myoxus*, *Echimys*, p., † *Perrieromys*, † *Adelomys*, Auct., etc.
Jourdan, C.-R. Acad. Sc. Paris, V, 1838, p. 463.

2856. † **cuvieri**, Giebel — (*2208*). † Oligocaen. Gallia (Paris).

2857. † **siderolithicus**, Pictet — (*2209*). † Oligocaen. Helvetia, Gallia.

2858. † **gregarius**, Schlosser — (*2210*). † Oligocaen. Gallia.

2859. † **speciosus**, Schlosser — (*2211*). † Oligocaen. Gallia.

2860. † **rotundidens**, Schlosser — (*2212*). † Oligocaen. Gallia.

2861. † **blainvillei**, Gervais — (*2213*). † Miocaen. Gallia.

2862. † **aquatilis**, Aymard — (*2214*). † Miocaen. Gallia.

2863. † **jourdani**, Pomel (nec Giebel) — (*2215*). † Miocaen. Gallia.

2864. † **vassoni**, Pomel — (*2216*). † Miocaen. Gallia.

2865. † **antiquus**, Pomel — (*2217*). † Oligocaen. Gallia.

2866. † **auberyi**, Pomel — (*2218*). † Oligocaen. Gallia.

2867. † **breviceps**, Laizer et Parieu (*2219*). † Miocaen. Gallia.

2868. † **lembronicus**, Bravard — (*2220*). † Miocaen. Gallia.

2869. † **dubius**, Pomel — (*2221*). † Miocaen. Gallia.

2870. † **parvulus**, Schlosser — (*2222*). † Miocaen. Germania.

### 553. †**Nesokerodon,** Schlosser, 1884.

*Issiodoromys,* p., Filhol.
Schlosser, Palæontographica, 1884, p. 16.

2871. †**quercyi,** Schlosser — (*2223*). †Oligocaen. Gallia.
2872. †**minor,** Filhol — (*2224*). †Oligocaen. Gallia.

### 554. †**Issiodoromys** (Croizet), Blainville, 1840.

*Palanoema,* Pomel, 1854; *Cournomys,* Croizet.
Blainville (ex Croizet), C.-R. Acad. Sc., X, 1840, p. 932 (nota).

2873. †**pseudanoema,** Gervais — (*2225*). †Miocaen. Gallia.

### 555. †**Cylindrodon,** Douglass, 1901.

Douglass, Trans. Amer. Philos. Soc., XX, 1901, p. 15.

2874. †**fontis,** Douglass, l. c., 1901, p. 15, pl. 9, fig. 9, 9*a*. †Oligocaen. Montana.

### 555 bis. †**Dipoïdes,** Jaeger, 1835.

Jaeger, Säug. foss. Wurtemb., I, 1835, p. 17.

2874 bis. †**jaegeri.** Trouessart — (*2226*). †Miocaen. Germania.

### 556. †**Protechimys,** Schlosser, 1884.

Schlosser, Palaeontographica, 1884, p. 46.

2875. †**gracilis,** Schlosser — (*2227*). †Oligocaen. Gallia.
2876. †**major,** Schlosser — (*2228*). †Oligocaen. Gallia.
2877. †**curvistriatus.** Laiz. et Parieu — (*2229*). †Oligocaen. Gallia.

### 557. †**Archaeomys,** Laiz. et Parieu, 1839.

*Palæomys* (nec Kaup), *Gergoviomys, Cuvierimys, Meriones.* p., Auct.
Laizer et Parieu, C.-R. Acad. Sc. Paris, 1839, VIII, p. 206.

2878. †**arvernensis,** Laiz. et Parieu — (*2230*). †Miocaen. Gallia.
2879. †**laurillardi,** Gervais — (*2231*). †Miocaen. Gallia.

### 558. †**Omegodus,** Pomel, 1854.

Pomel, Catal. Vert. Foss. Bass. de la Loire, 1854, p. 37.

2880. †**echimyoïdes.** Pomel — (*2232*). †Miocaen. Gallia.

## Familia II. †**Mylagaulidae.**[1])

### 559. †**Protogaulus,** Riggs, 1899.

Meniscomys, p., Cope, 1878.
Riggs, Field Columb. Mus., Geol., I, 1899, p. 183.

2881. †**hippodus**, Cope — (*2238*); Riggs, l. c., 1899, p. 183. — †Miocaen. Oregon.

### 560. †**Mylagaulus,** Cope, 1881.

*Mesogaulus*, Riggs, 1899.
Cope, Amer. Natural., 1881, p. 586.

2882. †**sesquipedalis**, Cope — (*2509*); Riggs, Field Col. Mus., Geol., I, 1899, p. 181; Matthew, Mem. Amer. Mus., 1901, p. 377; Bull. Amer. Mus., 1902, p. 297. — †Miocaen. Super. Nebraska.

2883. †**monodon**, Cope — (*2510*); nec Matthew, 1901. — †Miocaen. Super., Nebraska, Montana.

*ballensis*, Riggs, l. c., 1899, p. 181, fig.

2884. **laevis**, Matthew, Bull. Amer. Mus., 1902, p. 298. — †Miocaen. Colorado.

*monodon*, p., Matthew, 1901 (nec Cope), Mem. Am. Mus., p. 377, 378, f. 3—6. — »

2885. †**paniensis**, Matthew, Bull. Amer. Mus., 1902, p. 299, f. 4; Douglass, Ann. Carnegie Mus., 1903, p. 172, f. 14; p. 191, f. 29. — †Miocaen. Colorado, Montana.

2886. **sp.**, Douglass, l. c., 1903, p. 173, f. 15. — †Miocaen. Montana.

2887. †? **pristinus**, Douglass, l. c., 1903, p. 187, 188, fig. 26. — †Miocaen. Montana.

2888. † **proximus**. Douglass, l. c., 1903, p. 189, fig. 27. — †Miocaen. Montana.

2889. †**sp.**, Douglass, l. c., 1903, p. 190, fig. 28. — †Miocaen. Montana.

### 561. †**Ceratogaulus,** Matthew, 1902.

Matthew, Bull. Amer. Mus. Nat. Hist., 1902, p. 291.

2890. †**rhinocerus**. Matthew, l. c., 1902, p. 291, 299, fig. 1—3. — †Miocaen. Colorado.

[2])

[1]) Cette famille semble représenter les *Castoridæ* dans le groupe des Anomaluroïdea.

[2]) La famille des *Pedetidæ* est reportée aux **Hystrichomorpha.**

## Familia III. **Sciuridae.**

### Subfam. 1. **Pteromyinae.**

#### 562. † **Ailuravus,** Rütimeyer, 1891.

Rütimeyer, Abh. Schweiz. Pal. Ges., 18, 1891, p. 94.

2891. † **picteti**, Rütimeyer — (*2234*). † Eocaen. super. Helvetia.

#### 563. † **Sciurodon,** Schlosser, 1884.

Schlosser, Palaeontogr., 1884, p. 74.

2892. † **cadurcensis**, Schlosser — (*2235*). † Eocaen. super. Gallia Merid.

#### 564. † **Decticadapis,** Lemoine, 1883.

Lemoine, Bull. Soc. Geol., 1883, p. 267.

2893. † **sciuroïdes**, Lemoine — (*2236*). † Eocaen. Gallia Orient.

#### 565. † **Allomys,** Marsh, 1877.

*Meniscomys*, Cope, 1878.
Marsh, Amer. Journ. Sc., XIV, 1877, p. 253.

2894. † **nitens**, Marsh — (*2237*). † Miocaen. America Sept., Oregon.

2895. † **multiplicatus**, Cope — (*2239*). † Miocaen. Oregon.

2896. † **liolophus**, Cope — (*2240*). † Miocaen. Oregon.

2897. † **cavatus**, Cope — (*2241*). † Miocaen. Oregon.

#### 566. **Eupetaurus,** Thomas, 1888.

Thomas, Journ. As. Soc. Bengal, 57, part 2, p. 256.

2898. **cinereus**, Thomas — (*2242*). Thibet (Gilgit).

#### 567. **Pteromys,** G. Cuv., 1800.

*Sciuropterus*, p., Hodgs.
G. Cuvier, Leçons d'Anatomie Comparée, 1800, tabl. 1.

2899. **oral**, Tickell — (*2243*); Flower, P. Z. S., 1900, p. 351.
*petaurista*, p., Pallas et Auct. (nec Flower) — (*2243*). India, Ceylon, Birma, Tenasserim, Siam, Archip. Mergui.

**a.** — **cineraceus**, Blyth — (*2243 a*). Arakan.

2900. **lylei**, Bonhote, P. Z. S., 1900, p. 192, pl. 18. — Siam (Doi Sripete).

2901. **alborufus**, A. M.-Edwards — (*2248*). — Thibet Or., Moupin, Assam, Birma, Tenasserim.

2902. **magnificus**, Hodgson — (*2246*). — Ms Himalaya, à Nipal ad Sikkim, Khasia Hills.

2903. **caniceps**, Gray — (*2247*). — Ms Himalaya, à Gurwhal, Landour, ad Sikkim, Darjiling.

2904. **inornatus**, Is. Geoffroy — (*2245*). — Ms Himalaya
*albiventer*, Auct. (nec Gray). — Sept.-Occ., à Kashmir ad Nipal.

2905. **yunnanensis**, Anderson — (*2249*). — Yunnan, Momien.

2906. **pectoralis**, Swinhoe — (*2252*). — I. Formosa (Takow).

2907. **melanopterus**, A. M.-Edwards — (*2250*). — China Merid.-Occid., Tcheli, Thibet, Gansu.

2908. **leucogenys**, Temminck — (*2253*). — Japon.

2909. **nitidus**, Desmarest — (*2244*). — Indo-China, Siam,
*melanotis*, Gray; *petaurista*, p., Pallas; I. Formosa, Malacca,
Flower, P. Z. S., 1900, p. 351 (nec Thomas). — Sumatra, Java, Borneo.

2910. **nitidula**, Thomas, Novit. Zool., 1900, p. 592. — Archip. Natuna
*nitidus*, p., Thomas, 1886—1889. — (I. Bunguran, Mentawei).

2911. **thomasi**, Hose, Ann. Nat. Hist., 1900, V, p. 214. — Borneo, Sarawak Or., (ad fl. Silat).

2912. **xanthipes**, A. M.-Edwards — (*2251*). — China Merid.-Occ., Ms Tcheli.

2913. **punctatus**, Gray — (*2254*). — Birma, Malacca (Karenni).

2914. **elegans**, Temminck — (*2255*). — Java, I. Musa-Kambang.

## 568. **Sciuropterus**, F. Cuv., 1825.

*Pteromys*, p., Auct.; † *Sciurus*, p., Lartet.
F. Cuvier, Ann. du Muséum, X, 1825, p. 126.

2915. † **albanensis**, Major — (*2260*); Gaillard, Arch. Mus. Lyon, 1899, p. 65, f. 29, 30. — † Miocaen. Gallia Merid.

2916. † **sansaniensis**, Lartet — (*2261*). — † Miocaen. Gallia.

2917. † **gaudryi**, Gaillard, l. c., 1899, p. 66, fig. 31 *a*, *b*. — † Miocaen. Gallia Merid.

2918. † **jourdani**, Gaillard, l. c., 1899, p. 67, fig. 32 *a*, *b*. — † Miocaen. Gallia Merid.

2919. † ? **depereti**, Trouessart, Catal. Mam., 1897, p. 400; Gaillard, l. c., 1899, p. 67. — † Pliocaen. Gallia Merid.

2920. **fimbriatus**, Gray — (*2256*). — Himalaya Sept.-Occid., Gilgit, Kashmir, Afghanistan.

**a.** — ? **barbei**, Blyth — (*2256 a*). — Himalaya.

2921. **alboniger**, Hodgson — (*2257*). — Himalaya à Nipal ad Assam, Siam, Cambodjia, ? Borneo.

2922. **nigripes**, Thomas — (*2258*). — I. Philippinas.

2923. **pulverulentus**, Günther — (*2259*). — Malacca, Pinang Borneo (M^s^ Dulit).

2924. **tephromelas**, Günther — (*2263*). — Malacca, Salangore, I. Pinang.

2925. **phaeomelas**, Günther — (*2264*). — Borneo (fl. Baram).

2926. **sagitta**, L. — (*2265*); Flower, P. Z. S., 1900, p. 353. — Birma, Tenasserim, Cambodjia, Malacca.

*horsfieldi*, p., Cantor (nec Waterh.). — »

**a.** — **horsfieldi**, Waterhouse — (*2265 a*). — Java, Borneo.

**b.** — **aurantiacus**, Wagner — (*2265 b*). — Banka.

**c.** — **davisoni**, Thomas — (*2265 c*); Stone, Proc. Ac. Phil., 1900, p. 462, pl. VI. — Malacca.

**d.** — **phayrei**, Blyth — (*2265 d*). — Birma, Laos.

2927. **harrisoni**, Stone, Proc. Acad. Philad., 1900, p. 462. — Borneo.

2928. **thomsoni**, Thomas, Ann. Nat. Hist., 1900, V, p. 275. — Borneo, Sarawak Or., Baram (fl. Bakong).

2929. **everetti**, Thomas — (*2266*). — I. Natuna et Bunguran.

2930. **pearsoni**, Gray — (*2267*). — Himalaya Or., Sikkim, Yunnan, Assam.

**a.** — **kaleensis**, Swinhoe — (*2267 p.*). — I. Formosa.

2931. **setosus**, Temm. et Schleg. — (*2268*). — Sumatra, Borneo.

2932. **hosei**, Thomas, Ann. Nat. Hist., 1900, V, p. 275. — Borneo Sarawak (fl. Toyut, Lobok Nibong).

2933. **platyurus**, Jentink — (*2269*). — Sumatra Sept.-Or., Deli.

2934. **vordermanni**, Jentink (*2270*). — I. Billiton (inter Borneo et Banka).

2935. **fuscocapillus**, Blyth — (*2271*). — India Merid., M^s^ Nilgiris, Travancore.

2936. **spadiceus**, Blyth — (*2272*). — Arakan, Moulmein. Birma.

2937. **lepidus**, Horsfield — (*2273*). — Java.

2938. **lugens**, Thomas — (*2274*). — I. Mentawei (Sumatra Occ.), I. Sipora.

2939. **hageni**, Jentink — (*2275*). — Sumatra Or. (Deli).

2940. **genibarbis**, Horsfield — (*2276*); Flower, P. Z. S., 1900, p. 354. — Malacca, Java Or., Borneo (Sarawak). Japon.

2941. **momoga**, Temminck — (*2277*). — Europa et Asia Sept., à Scandinavia, Livonia ad Siberiam Or. (fl. Amour, Lenam, etc.).

2942. **russicus**, Tiedemann, Zool., I, 1808, p. 451 — (*2278*); Allen, Bull. Ann. Mus., 1903, p. 132. »

*volans*, p., L., 1758 et 1766 (nec Seba qui *Sc.* ex America est) — (*2278*). »

*volans*, Pallas (nec L.). »

*volucella*, Rhoads, 1897 (nec Pallas). »

2943. **büchneri**, Satunin, Ann. Mus. Zool. S^t^ Petersb., VII, 1902, p. 549. Asia Centrali (Gansù).

*volans*, p., Büchner, Mamm. Prjev., 1888, p. 3. »

2944. **sabrinus**, Shaw — (*2279*); Elliot, Field Columb. Mus., II, 1901, p. 107. — America Sept., Canada, (fl. Severn, James Bay), usque ad New-York Sept., New Hampshire Merid.

**a.** — **macrotis**, Mearns, Proc. Nat. Mus. Wash., 1899, p. 353, f. 1—3; Elliot, l. c., 1901, p. 108 — (*2279b Append.*). — Reg. New York, Green Co. (M^t^ Hunter), et U. S. sept. ad Or. Reg. Great Lakes.

**b.** — **silus**, Bangs — (*2279b*). — Virginia Occ. (M^s^ Katis, White Sulphur Springs), et M^s^ Alleghanis Merid.

**c.** — **makkovikensis**, Sornborger, Ottawa Natural., XIV, 1900, p. 48. — Labrador.

2945. **volans**, L. (*Mus* nec *Sciurus*), Syst. Nat., 1776, I, p. 85 (nec p. 88) — (*2279c*); Elliot, l. c., 1901, p. 109, fig. 25, p. 108. — United States Or. (Virginia), à New York Sept., ad Floridam et ad campos Reg. Occid. et Mexico.

*volucella*, Pallas, 1778 — (*2279c*), et Auct.

a. — **querceti**, Bangs — (*2279 c, a*); Elliot, l. c., 1901, p. 109. — Florida (Citrus Co.), Georgia Merid., ? Louisiana.

b. — **olympicus**, Elliot, Field Columb. Mus., I, 1899, p. 250; id., 1901, p. 110. — Terr. Washington (M^s^ Olympic, Lac. Happy).

c. — **fuliginosus**, Rhoads — (*2279^B^*). — Terr. Washington (M^s^ Cascade et Sierra Nevada).

d. — **klamathensis**, Merriam — (*2279^B^ g*). — Oregon, Fort Klamath.

2946. **stephensi**, Merriam, Proc. Biol. Soc. Wash., 1900, p. 151; Elliot, l. c., 1901, p. 111. — California (Sherwood, Mendocino Co.).

2947. **oregonensis**, Bachman — (*2279 c, c*); Elliot, l. c., 1901, p. 110. — America Sept.-Occ., ab Alaska Merid., ad Californiam Sept.

2948. **alpinus**, Richards — (*2279 b, 2279^B^*); Elliot, l. c., 1901, p. 109. — America Sept.-Orient., à fl. Mackensie, M^tes^ Rupestres Or., ad U. S., (Alberta Sept.-Occ., ad fontes fl. Elk).

a. — **californicus**, Rhoads — (*2279^B^ e*); Elliot, l. c., 1901, p. 110. — California Merid.-Or., (M^tes^ San Bernardino).

b. — **lascivus**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 69. — California, El Dorado Co., (Tallac).

2949. **yukonensis**, Osgood, N.-Am. Fauna, No. 19, 1900, p. 25. — Alaska, ad fl. Yukon (Camp Davidson).

## Subfam. 2. **Sciurinae.**

### 569. **Rheithrosciurus**, Gray, 1867.

*Sciurus*, p., Gray, 1856.
Gray, Ann. Nat. Hist., 1867, XX, p. 272.

2950. **macrotis**, Gray — (*2280*). — Borneo, Sarawak.

### 570. **Heliosciurus**, Trt., 1880; Winton, 1888.

*Protoxerus*, p., Major, 1893; Thomas, 1897; Trt., Catal., 1897.
Trouessart, Le Naturaliste, 1880, p. 315; Bull. Geol. Geogr. Surv., 1881, p. 396; De Winton, Ann. Nat. Hist., 1898, II, p. 12.

2951. **stangeri**, Waterhouse — (*2281* exclus. syn.); Winton, Ann. Nat. Hist., 1898, II, p. 11, 12. — Africa Occid., (Fernando-Po), Côte d'Or, Ashantis et à Liberia ad Mombuttu.

*caniceps*, Temm. (nec Gray), 1853. — »

*temminckii*, Anderson, 1878. — »

2952. **nordhoffi**, Du Chaillu — (*2281 part.*); Winton, l. c., 1898, p. 11, 12. — Gabon, Congo (ad fl. San Benito), et usque ad Coanza.
*stangeri*, p., Pousarg., Ann. Sc. Nat., III, 1896, p. 340.
*eborivorus* et *subalbidus*, Du Chaillu.

**a.** — ? **calliurus**, Peters — (*2281 a*). — Camerones.

2953. **rufobrachiatus**, Waterhouse — (*2311*); Pousarg., Ann. Sc. Nat., III, 1896, p. 349. — Africa Occid., à Liberia ad Congo, Angola.

**a.** — **libericus**, Miller, Proc. Wash. Acad., 1900, p. 633, f. 39 *a*. — Liberia Sept. (M^s^ Coffee), Sierra-Leone.
*rufobrachiatus*, p., Jentink, 1888.

**b.** — **ruwenzorii**, Schwann, Ann. Nat. Hist., 1904, XIII, p. 71. — Ruwenzori (Vallo Wimi, 2400 m).

**c.** — **pasha**, Schwann, l. c., 1904, p. 72. — Monbuttu (Bellima).

2954. **nyansae**, Neumann, S.-B. Ges. Naturf. Berl., 1902, p. 56. — Victoria-Nyansa, Lac. Albert et Edward, Uganda.
*rufobrachiatus*, p., Matschie, Neumann, 1900.

2955. **ashantiensis**, Neumann, l. c., 1902, p. 175. — Ashantis, Liberia Merid.

2956. **kaffensis**, Neumann, l. c., 1902, p. 57. — Kaffa (in sylvis, ad 2600 m).

2957. **abassensis**, Neumann, l. c., 1902, p. 57. — Abyssinia, Lac Abassi, 1800 m.

2958. **keniae**, Neumann, l. c., 1902, p. 176. — Abyssinia, Kenia Occid., 2650 m.

2959. **shirensis**, Gray — (*2312*). — Africa Or. (fl. Chiré).

2960. **annulatus**, Desmarest — (*2313*); Pousarg., l. c., 1896, p. 350; Winton, Ann. Nat. Hist., 1899, IV, p. 356 (»Funisciurus«). — Africa Occ., Centr. et Or., à Senegal ad Uganda, Choa et ad Congo, Ubangui.

2961. **punctatus**, Temminck — (*2314*); Pousarg., l. c., 1896, p. 353; Miller, l. c., 1900, p. 633. — Africa Occ., à Liberia ad Congo, Ubangui, ? Angola.

2962. **undulatus**, True — (*2315*). — Africa Or., Kilimandjaro.

2963. **jacksoni**, Winton — (*2297^B^*); Neumann, S.-B. Ges. Naturf. Berl., 1902, p. 57. — Africa Or., Kihuyu, M^s^ Kenia.

571. **Funisciurus**, Trt., 1880; Thomas, 1897; Winton, 1898.

*Paraxerus*, Major, 1893.
Trouessart, Le Naturaliste, 1880, p. 293; Winton, Ann. Nat. Hist., 1898, II, p. 12.

A. **Funisciurus.**

2964. **lemniscatus**, Leconte — (*2297*); Pousarg., Ann. Sc. Nat., III, 1896, p. 358. — Africa Occid., M$^{s}$ Cameron, Gabon, Ogôoue, Congo, Angola.

**a. — isabella**, Gray — (*2297a*). — »

2965. **substriatus**, Winton, Ann. Nat. Hist., 1899, IV, p. 357. — Côte d'Or inter. (Kintampo).

2966. **bayoni**, Bocage — (*2290b*); Winton, Ann. Nat. Hist., 1899, IV, p. 357. — Angola.

2967. **ganana**, Rhoads — (*2499*, *2297c*), (nec *Nannosciurus*). — Africa Orient., Mombaza, Kilimandja.

2968. **akka**, Winton, Ann. Nat. Hist., 1899, IV, p. 356 (nota); Neumann, S.-B. Ges. Naturf. Berl., 1902, p. 181. — Africa Centrali-Or., Mombuttu.

*emini*, Winton (nec Stuhlman) — (*2293c*). — »

*wintoni*, Neumann, 1900. — »

2969. **boehmi**, Reichenow (nec Matsch.) — (*2296*); Neumann, l. c., 1902, p. 179. — Inter Lac. Tanganyka et Lac. Mueru.

2970. **emini** (Matschie) Stuhlman, Mit Emin Pacha, p. 320 (nec Winton); Neumann, l. c., 1902, p. 180. — Inter Lac. Albert-Edward et Albert-Nyanza, et usque ad Mombuttu.

*boehmi*, Matschie (nec Reichen.).

**a. — ugandae**, Neumann, l. c., 1902, p. 180. — Uganda (in sylvis).

2971. **pauli**, Matschie — (*2294*). — Africa Or., Usambara, Tanga.

2972. **congicus**, Kuhl — (*2295*); W. L. Sclater, Ann. S.-Afr., Mus., 1899, p. 185; Mam. S.-Afr., II, 1901, p. 9. — Africa Occ., Congo. Angola, Mossamedes, Ovampo.

2973. **flavivittis**, Peters — (*2295 p.*, *2295$^{B}$*). — Africa Or., Zanzibar Mozambica, Zambezia.

2974. **ochraceus**, Huet — (*2295 p.*, *2295$^{C}$*). — Africa Or., Dar-es-Salaam, Bagamoyo, Usagara, Zanzibar.

2975. **auriculatus**, Matschie — (*2293b*). — Camerones.

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| 2976. **pyrrhopus**, F. Cuvier — (*2293*); Pousarg., Ann. Sc. Nat., III, 1896, p. 360. | Africa Occ., Senegal, Liberia, Ashantis, Bangui, Congo. |
| 2977. **leucostigma**, Temminck — (*2293a*); bona species, apud Thomas, 1903; Miller, Proc. Wash. Acad., 1900, p. 632. | Biafra Sept.-Occ., Liberia. |
| 2978. **mandingo**, Thomas, Ann. Nat. Hist., 1903. XI, p. 79. | Gambia (Nianimaru). |
| 2979. **raptorum**, Thomas, Ann. Nat. Hist., 1903, XI, p. 80. | Nigeria infer. (Forçados). |
| 2980. **erythrogenys**, Waterhouse — (*2293b*); bona species, Thomas, 1903. | I. Fernando-Po. |
| 2981. **anerythrus**, Thomas — (*2293c*); Pousarg., l. c., 1896, p. 361 *(pyrrhopus anerythrus)*. | Africa Central. et Or., Kémo, Dakoas, Lac. Albert-Nyanza merid. |
| 2982. **poensis**, A. Smith — (*2290*); Miller, Proc. Wash. Acad., 1900, p. 632. | Africa Occid. à Liberia ad Gabon, Fernando-Po. |
| a. — **affinis**, Rhoads — (*2290a*). | Africa Or. (Lac Rudolf). |
| 2983. **palliatus**, Peters — (*2291*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 185; Mam. S.-Afr., II, 1901, p. 8; Neumann, S.-B. Ges. Naturf. Berl., 1902, p. 177. | Africa Orient. à Nyassa ad Mozambicam. |
| a. — **ornatus**, Gray — (*2291 part.*); Neumann, l. c., 1902, p. 177. *palliatus*, p., W. L. Sclater, l. c., 1899 et 1901. | Reg. Zulu, Natal. » |
| b. — **suahelicus**, Neumann, l. c., 1902, p. 178. *palliatus*, p., Matschie, Neumann, 1900 (nec Peters). | Africa Or. German., Ibea Merid., Mombasa, Tanga, Pangani, Dar-es-Salaam, Gallas, Khutu, etc. |
| c. — **tanae**, Neumann, l. c., 1902, p. 178. | Reg. Tana et I. Lamu. |
| d. — **baramensis**, Neumann, l. c., 1902, p. 178. | Somali Merid., (in deserto). |
| 2984. **mystax**, Winton — (*2293B*). | Congo (fl. Benito). |
| 2985. **lucifer**, Thomas — (*2291B*). | Africa Centrali, Nyasa. |
| 2986. ?**mutabilis**, Peters — (*2292*). | Africa Or. à Kilimandjaro ad Nyasa, Zambesia, Mozambica. |

2987. **ebii**, Temminck — (*2282*, exclus. synon. »*wilsoni*«). Africa Occ., Guinea, Ashantis, fl. Ovenga Sup.

2988. **wilsoni**, Du Chaillu — (*2282B*). Gabon.

2989. **aubinni**, Gray — (*2383*). Côte d'Or, Fantis. Liberia.

B. **Paraxerus**, Major, 1893; (restrict.) Thomas 1897.

Forsyth Major, Proc. Zool. Soc., 1893, p. 189; Thomas, P. Z. S., 1897, p. 933.

2990. **cepapi**, A. Smith — (*2289*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 184; Mam. S.-Afr., II, 1901, p. 7. Africa Or. et Merid., à Kilimandjaro ad Col. Cap., Damara, Nyasa.

a. — **aruscensis**, Pagenstecher - (*2289b*). Africa Or., Pangani, M[s] Meru.

2991. **yulei**, Thomas, P. Z. S., 1902, I, p. 120; Neumann, S.-B. Ges. Naturf. Berl., 1902, p. 181. Africa Or., ad Lac. Mueru (Mueza), Kakoma, fl. Momba, Tanganyka.

572. **Xerus**, Hempr. et Ehrenb., 1832; Major, 1893.

*Sciurus*, p., Auct. Vet.

Hemprich et Ehrenberg, Symb. Phys., I, 1832 texto ad pl. 9.

A. **Xerus.**

2992. †**grivensis**, Major — (*2287*). †Miocaen. Gallia merid.

2993. **rutilus**, Cretzschmar — (*2284*); Winton, P. Z. S., 1898, p. 765; Anderson et Winton, Mam. Egypt., 1902, p. 249. Africa Orient. ab Ægypto Super., Nilo Albo, Somali, Bogos ad Kilimandjaro.

*flavus*, A. M.-Edw. — (*2284b*).

2994. **saturatus**, Neumann, Zool. Jahrb., Syst., 1900, p. 546. Ukamba.

2995. **brachyotus**, Hempr. et Ehrenb. — (*2284 part.*); Winton, P. Z. S., 1898, p. 765. Abyssinia Centrali.

*fuscus*, Huet, 1880.

2996. **erythropus**, E. Geoffroy — (*2285*); Pousarg., Ann. Sc. Nat., III, 1896, p. 334. Africa Occid., Centrali et Orient., à Senegal ad Soudan et Zanzibar et ad Congo, Loango.

B. **Geosciurus**, A. Smith, 1834.

A. Smith, S.-Afr. Quart. Journ., II, 1834, p. 127.

2997. **capensis**, Kerr — (*2286*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 182; Mam. S.-Afr., II, 1901, p. 4, f. 81—83. — Africa Australi à Damara, Matabele ad Col. Cap., Namaqua, Griqua.

C. **Atlantoxerus**, Major, 1893.

Forsyth Major, P. Z. S., 1893, p. 189.

2998. **getulus**, Gessner — (*2288*); Thomas, P.Z.S., 1897, p. 597. — Africa Sept., Marocco, Algeria, Tunisia.

573. **Funambulus**, Lesson, 1832; Thomas, 1897.

*Loxerus*, Major, 1893.
Lesson, Illustr. de Zool., 1832, texto ad pl. 43.

A. **Rhinosciurus**, Gray (1843) 1867.

*Loria*, Gray, 1867.
Gray, List Mamm. B. Mus., 1843, p. 195; Ann. Nat. Hist., 1867, XX, p. 286.

2999. **laticaudatus**, Müll. et Schleg. — (*2306*); Miller, Proc. U. S. Nat. Mus., 1903, p. 458; Flower, P. Z. S., 1900, p. 359.[1]) — Malacca, Borneo Occ. et Merid., Sarawak; I. Pulo-Tuangku.

**a.** — **sp.** — ?, Miller, Proc. Wash. Acad., 1901, p. 131. — I. Sirhassen (Archip. Natuna).

3000. **hosei**, Thomas — (*2305*). — Borneo Sept. (M$^{s}$ Balu).

3001. **everetti**, Thomas — (*2337*). — Borneo Sept.

3002. **insignis**, F. Cuvier — (*2304*). — Malacca(à Salangore), Sumatra, Java, Borneo.

**a.** — **jalorensis**, Bonhote, Fasc. Malay., 1903, p. 24. — Malacca, Jalor (Busit Besar).

*insignis*, p., Bonhote, P. Z. S., 1900, p. 878. — »

**b.** — **diversus**, Thomas — (*2304b*). — Borneo Sarawak (fl. Baram).

[1]) D'après Miller, *Rh. tupaoïdes* (Blyth), pourrait être distinct de *Rh. laticaudatus*.

3003. **castaneus**, Miller, Proc. Wash. Acad., 1900, p. 217. — Archip. Anambas (I. Pulo Siantan).

3004. **niobe**, Thomas — (*2304*[B]). — Sumatra (Pajo).

B. **Funambulus**, p. d.

*Palmista*, Gray, 1867.

3005. **palmarum**, L. — (*2298*). — India à Teraï ad Cap. Comorin (nec Malabar), et à Persia Or., Beloutchistan, ad Bengal.

**a.** — **?brodiei**, Blyth — (*2298a*). — Ceylon.

**b.** — **obscurus**, Pelz. et Kohl — (*2298b*). — Ceylon (in montibus).

3006. **rufigenis**, Blanford — (*2335*). — Tenasserim, Moulmein (in montibus).

3007. **lokriah**, Hodgson — (*2331*). — Nipal, Assam, Arakan, Darjiling, Sikkim.

3008. **tristriatus**, Waterhouse — (*2299*). — India, à Sikkim, ad Ceylon; Malabar (in sylvis).

3009. **layardi**, Blyth — (*2300*). — Ceylon (in montibus), Travancore.

3010. **sublineatus**, Waterhouse — (*2301*). — India Merid., Nilgeris, Ceylon (in montibus).

3011. **berdmorei**, Blyth — (*2303*); Thomas, P.Z.S., 1901, p. 56; Bonhote, P.Z.S., 1900, p. 194. *mouhoti*, Gray, 1861. — Indo-China, Tenasserim, Arch. Mergui, Cochinchina, Cambojia, Siam.

574. **Ratufa**, Gray, 1867; Thomas, 1897.

*Eosciurus*, Trt., 1880; 1897; *Rukaia*, Gray, 1867.
Gray, Ann. Nat. Hist., 1867, XX, p. 273; Thomas, P. Z. S., 1897, p. 933.

3012. **indica**, Erxleben — (*2308*); Blanford, Journ. Bombay Nat. Hist. Soc., 1897, p. 298, pl. A, f. 1 et p. 300. *bombayanus*, Bodd., 1785. — India Occ. à fl. Gange (Bombay) ad Travancore, Mysore Malabar Sept.

**a.** — **dealbata**, Blanford, l. c., 1897, p. 301, pl. A, f. 2. — Dangs, Khandesh Occ. (in sylvis).

b. — **malabarica**, Scopoli, Del. Faun. Flor., Ins., II, 1786, p. 85; Schinz, 1845 — (*2308 b*); Blanford, l. c., 1897, p. 302, pl. B, f. 1.
*maximus*, Schreber (nec Gmel.). — Malabar (Madras), à Wynaad in Merid. parte; Mahratta Merid., usque ad fontes fl. Nerbudda.

c. — **bengalensis**, Blanford, l. c., 1897, p. 303, pl. B, f. 2.
*maximus*, Jerdon (nec Schreber). — Bengal Occ., Orissa, Circars Sept., à Khargpur Hills ad Godavari.

3013. **gigantea**, Mac Clelland — (*2309 b*); Bonhote, Ann. Nat. Hist., 1900, V, p. 493; Miller, Proc. Wash. Acad., 1900, p. 70.
*bicolor*, p., Blanford, 1891 (nec Sparrm.).
*macruroïdes*, Hodgson; Jerdon. — Himalaya, Nipal, Sikkim, Birma, Siam, Malacca.

3014. **bicolor**, Sparrmann — (*2309*); Bonhote, l. c., 1900, p. 493, 876; id., Fasc. Malay., 1903, p. 18.
*melanopepla*, Miller, l. c., 1900, p. 71. — Malacca (Jalor, Biserat), Sumatra, Java, ?Borneo.
*javensis*, Zimm.; *albiceps*, Desm. — (*2309 d*). — Siam infer. (Trong).
*Leschenaulti*, Desm.; *hypoleucus*, Horsf. — »
*humeralis*, Coulon. — »

3015. **anambai**, Miller, l. c., 1900, p. 215. — Archip. Anambas (I. Pulo Jimaja).

3016. **tiomanensis**, Miller, l. c., 1900, p. 216. — I. Tioman.

3017. **angusticeps**, Miller, Proc. Wash. Acad., 1901, p. 130. — Arch. Bunguran Merid., (I. Pulo Lingung).

3018. **affinis**, Raffles (nec Horsf.), Linn. Trans., XIII, 1822, p. 259; Bonhote, l. c., 1900, p. 495 (part., specim. ex Singapore tantum); Miller, l. c., 1900, p. 73. — Singapore, Malacca.

a. — **johorensis**, Miller, l. c., 1900, p. 73.
*affinis typica*, p., Bonhote, l. c., 1900. — Johore.

b. — **aureiventer**, Is. Geoffroy — (*2309* part.); Bonhote, l. c., 1900, p. 495. — Malacca (à Penang ad Malacca), ?Java.

3019. **pyrsonota**, Miller, Proc. Wash. Acad., 1900, p. 75. — Siam infer. (Trong).

3020. **ephippium**, Müller — (*2309 e, part.*); Bonhote, Ann. Nat. Hist., 1900, V, p. 496. — Borneo Merid.-Or., (Great Dyak River).

a. — **baramensis**, Bonhote, l. c., 1900, p. 496.
*ephippium p.*, Wagner, 1843; Hose, 1893; Thomas, P. Z. S., 1892, p. 225. — Borneo Sept., Sarawak (Baram).
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| | **b.** — **sandakanensis**, Bonhote, l. c., 1900, p. 497.<br>*ephippium p.*, Thomas, P. Z. S., 1889, p. 230; Motley et Dillw., 1855. | Borneo Sept. (Sandakan). |
| 3021. | **bunguranensis**, Thomas et Hartert — (*2309f*); Bonhote, l. c., 1900, p. 497; (bona species) Miller, Proc. Wash. Acad., 1901, p. 129. | Archip. Natuna (I. Bunguran). |
| 3022. | **femoralis**, Miller, Proc. U. S. Nat. Mus., 1903, p. 447. | I. Pulo Tuangku, I. Banjak. |
| 3023. | **nigrescens**. Miller, l. c., 1903, p. 448. | I. Pulo Mansalar (Tapanuli Bay). |
| 3024. | **palliata**. Miller. Proc. Acad. Philad., 1902, p. 147; l. c., 1903, p. 449, pl. 19.<br>*hypoleuca*, Stone et Rehn (nec Horsfield), Proc. Ac. Philad., 1902, p. 134. | Sumatra Sept.-Occ. (Tapanuli Bay).<br>» |
| 3025. | **notabilis**, Miller, l. c., 1902, p. 150. | Sumatra (Linga). |
| 3026. | **laenata**. Miller, l. c., 1903, p. 449, pl. 19. | I. Pulo Tuangku (Archip. Banjak). |
| 3027. | **sirhassensis**. Bonhote. Ann. Nat. Hist., 1900, V, p. 498; (bona species) Miller, Proc. Wash. Ac., 1901, p. 129.<br>*albiceps*, Thomas et Hart., 1894, (nec Desmarest, 1817). | Archip. Natuna (I. Sirhassen).<br>» |
| 3028. | **nanogigas**. Thomas et Hartert — (*2309e*); Bonhote, l. c., 1900, p. 498; Miller, l. c., 1901, p. 130. | Archip. Natuna Sept. (I. Pulo Laut). |
| 3029. | **macrurus**. Pennant — (*2310*). | India Merid., M$^{s}$ Nilgiris, Ghatts. Travancore. Ceylon. |

## 575. **Sciurus**, L., 1758.

Linné, Syst. Naturae, 10$^{a}$ Ed., I, 1758, p. 63.

### A. **Heterosciurus**, Trt., 1880.

*Macroxus*, p., Gray, 1867.

Trouessart, Le Naturaliste, 1880, p. 292; Thomas, P. Z. S., 1897, p. 933.

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| 3030. | **erythraeus**. Pallas — (*2316*); Bonhote. Ann. Nat. Hist., 1901, VII, p. 161; Fasc. Malay., 1903, p. 19; P. Z. S., 1900, p. 877. | Indo-China ab Assam ad Malacca (in montibus), et Chinam. |
| | **a.** — **erythrogaster**, Blyth — (*2316a*); Bonhote, l. c., 1901, p. 162.<br>*rufiventer*, Blyth, 1847. | India, Manipur.<br>» |

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| | **b.** — **bhutanensis**, Bonhote, l. c., 1901, p. 161. | Bhutan. |
| | *erythraeus*, Blyth, 1856; *erythrogaster*, p., Blyth; Gray, 1867. | » |
| | **c.** — **punctatissimus**, Gray — (*2316 b*, *syn.*); Bonhote, l. c., 1901, p. 163. | Mts Cachar. |
| | *?piceus*, Peters, 1866. | » |
| | **d.** — **sladeni**, Anderson — (*2317 c*); Bonhote, l. c., 1901, p. 163. | Birma Super. (Thighyain). |
| 3031. | **floweri**, Bonhote, Ann. Nat. Hist., 1901, VII, p. 455. | Siam (Klong Morn). |
| 3032. | **castaneoventris**, Gray — (*2318*); Bonhote, Ann. Nat. Hist., 1901, VII, p. 163. | China, Amoy, I. Formosa et Haïnan. |
| | **a.** — **ningpoensis**, Bonhote, l. c., 1901, p. 163. | Ningpo (in montibus). |
| | **b.** — **gordoni**, Anderson — (*2321*); Bonhote, l. c., 1901, p. 164; P. Z. S., 1902, p. 39. | Birma Super., Siam. |
| | **c.** — **griseopectus**, Blyth (nec Gray) — (*2318 part.*), Bonhote, l. c., 1901, p. 164. | Assam. |
| | *gordoni intermedia*, Anderson, 1879. | » |
| 3033. | **styani**, Thomas — (*2339*); Winton, P. Z. S., 1899, p. 578; Bonhote, l. c., 1901, p. 165. | China, Yangtze (inter Sanghaï et Hangchow). |
| | *griseopectus*, Gray (nec Blyth), 1867. | |
| | *?chinensis*, Gray (*Macroxus*), 1867. | » |
| 3034. | **caniceps**, Gray (nec Temm.), Ann. Nat. Hist., X, 1842, p. 263 — (*2328*); Bonhote, Ann. Nat. Hist., 1901, VII, p. 271; Thomas, P. Z. S., 1901, p. 55; Bonhote, P. Z. S., 1902, p. 39. | Birma, Tenasserim, Siam (Patelung). |
| | *chrysonotus*, Blyth, 1847. | » |
| 3035. | **concolor**, Blyth — (*2328 a*); Bonhote, l. c., 1901, p. 272; Fasc. Malay., 1903, p. 20. | Malacca, Ms in Laos (Cochinchina). |
| | *inornatus*, Gray, 1867 (*2327 part.*). | » |
| | *caniceps*, p., W. L. Sclater, 1891; Flower, 1900; Bonhote, 1900. | » |
| 3036. | **epomophorus**, Bonhote, l. c., 1901, p. 272. | Malacca Occid., à Bankasun ad Malacca, I. Salanga. |
| | *concolor*, p., Thos., P. Z. S., 1886, p. 70. | |
| | *caniceps*, p., Blanf., 1891; W. L. Sclater, 1891. | |
| | **a.** — **davisoni**, Bonhote, l. c., 1901, p. 273. | Birma, à Moulmein ad Tenasserim Merid. |

3037. **pygerythrus**, Is. Geoffroy — (*2327*, excl. syn.); Bonhote, l. c., 1901, p. 273. — Birma, Pegu.
*blanfordi*, Blyth, 1862 — (*2327a*). — »
**a.** — **phayrei**, Blyth — (*2327b*); Bonhote, l. c., 1901, p. 274. — Birma Merid., Tenasserim.
3038. **griseimanus**, A. M.-Edwards — (*2327c*); Bonhote, l. c., 1901, p. 274. — Cochinchina, Cambojia.
*leucopus*, Gray, 1867. — »
3039. **flavimanus**, Is. Geoffroy — (*2322*). — Tenasserim Sept., Moulmein.
**a.** — **hyperythrus**, Blyth — (*2322b*). — »
3040. **atrodorsalis**, Gray — (*2322a*); Thomas, P. Z. S., 1901, p. 55; Bonhote, P. Z. S., 1902, p. 39. — Siam.
3041. **quinquestriatus**, Anderson — (*2320*). — Yunnan, Birma Sept. (in montibus).
3042. **hippurus**, Is. Geoffroy — (*2323*); Bonhote, Fasc. Malay., 1903, p. 19. — Malacca (Perak Merid.), Java, Sumatra, I. Natuna.
**a.** — **grayi**, Bonhote, Ann. Nat. Hist., VII. 1901, p. 171 (nota). — Borneo.
*borneensis*, Gray — (*2323a*), nec Schlegel. — »
3043. **pryeri**, Thomas — (*2324*). — Borneo Sept., Sandakan.
3044. **prevosti**, Desmarest — (*2325*, exclus. syn.); Bonhote, Ann. Nat. Hist., VII. 1901, p. 169. — Malacca (Singapore, Malacca, Penang).
**a.** — **humei**, Bonhote, l. c., 1901, p. 170; Fasc. Mal., 1903, p. 22. — Malacca, Perak Merid., (Klang, Selangore).
*prevosti*, p., Thos., 1886.
**b.** — **sarawakensis**, Gray, Ann. Nat. Hist., 1867, XX, p. 277; Bonhote, l. c., 1901, p. 170. — Borneo, Sarawak, (ad fl. Batang Lupas).
**c.** — **kuchingensis**, Bonhote, l. c., 1901, p. 170. — Sarawak (Kuching).
**d.** — **bangkanus**, Schlegel — (*2325b*); Bonhote, l. c., 1901, p. 171. — I. Banka.
**e.** — **borneoensis**, Schlegel — (*2325c*); Bonhote, l. c., 1901, p. 171. — Borneo Merid.-Occ., (Pontianak).
**f.** — **rafflesi**, Vigors et Horsf. — (*2325 part.*); Bonhote, l. c., 1901, p. 172. — Sumatra.
*rufogaster*, Gray, 1842.
*sumatranus*, Schlegel, 1863. — »

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| g. — **harrisoni**. Stone et Rehn, Proc. Acad. Philad., 1902, p. 132. | Sumatra (ad fl. Indragiri). |
| h. — **redimitus**. Boon Mesch — (*2325 part.*); Bonhote, l. c., 1901, p. 172. | ?Sumatra. ?Celebes. |
| 3045. **navigator**, Bonhote, l. c., 1901, p. 171; Miller, Proc. Wash. Acad., 1901, p. 129 (bona species). | I. Sirhassen et Pulo Subi. |
| *prevostii navigator*, Bonhote, 1901. | » |
| 3046. **atricapillus**. Schlegel — (*2325 part.*); Bonhote, l. c., 1901, p. 173. | Borneo, Pontianak Or. (ad fl. Kapouas). |
| *redimitus*, p. (Boon Mesch) Temminck, 1853. | |
| 3047. **caroli**. Bonhote, l. c., 1901, p. 173. | Borneo (Baram, ad fl. Marudi). |
| *prevosti*, p., Hose, 1893. | |
| a. — **griseicauda**. Bonhote, l. c., 1901, p. 174. | Ms Kalulong (650 m). |
| *prevosti*, p., Hose, 1893. | » |
| 3048. **baluensis**. Bonhote, l. c., 1901, p. 174. | Borneo (Ms Kina Balu, 330 m. Ms Dulit, 1650 m). |
| a. — **suffusus**. Bonhote, l. c., 1901, p. 175. | Borneo Sept.-Occ. (ad fl. Tutong). |
| 3049. **erythromelas**. Temminck — (*2325 part.*): Bonhote, l. c., 1901, p. 175. | I. Celebes Sept.-Occ (Menado). |
| 3050. **schlegeli**. Gray, Ann. Nat. Hist., 1867, XX, p. 278; Bonhote, l. c., 1901, p. 176. | I. Celebes Sept. (Kenia). |
| *erythrogenys*, Schlegel — (*2325 p.*), nec Waterhouse. | |
| 3051. **rufoniger**, Gray, Ann. Nat. Hist., 1842, X, p. 263 (nec Pucheran, 1845); Bonhote, l. c., 1901, p. 176. | Habitat —? (?Borneo). |
| a. — **pluto**, Gray, Ann. Nat. Hist., 1867, XX, p. 283; Bonhote, l. c., 1901, p. 176. | Borneo (Sarawak). Sumatra. |
| 3052. **erebus**, Miller, Proc. U. S. Nat. Mus., 1903, p. 456. | Sumatra (Tapanuli Bay). |
| 3053. **mimellus**, Miller, Proc. Wash. Acad., 1900, p. 218. | I. Tambelan (Pulo Wai). |
| 3054. **mimiculus**. Miller, l. c., 1900, p. 219, 220, fig. 12*a*. | I. Ste Barbe. |
| 3055. **thaiwanensis**, Bonhote, l. c., 1901, p. 165. | I. Formosa Merid. |
| a. — **centralis**. Bonhote, l. c., 1901, p. 166. | I. Formosa Central. (in montibus). |

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| **b.** — **roberti**, Bonhote, l. c., 1901, p. 166. | I. Formosa Sept.-Occid. |
| *erythræus*, p., Swinhoë, 1862. | |
| 3056. **melanogaster**, Thomas — (*2319*); Bonhote, l. c., 1901, p. 166. | I. Sipora (ad Sumatra), (Si-oban). |
| 3057. **finlaysoni**, Horsfield — (*2317, 2317*); Flower, P. Z. S., 1900, p. 335; Thomas, P. Z. S., 1901, p. 53—54; Bonhote, Fasciculi Malay., 1903, p. 20. | Indo-China, Birma, Siam, (Mee-Nan), Malacca (Bukit Besar). |
| **a.** — **splendens**, Gray (*2317 part.*); Thomas, P. Z. S., 1901, p. 54. | Siam (Utaradit). |
| **b.** — **leucocephalus** (Gray), Thomas, l. c., 1901, p. 54. | Cheimat (Reg. Menam). |
| **c.** — **harmandi** (A. M.-Edwards), Thomas, l. c., 1901, p. 54. | Kampeng (Regione Mu-Ping). |
| **d.** — **germani**, A. M.-Edwards — (*2317 a*). | Cambojia. |
| **e.** — **bocourti**, A. M.-Edwards — (*2317 b*). | Cambojia. |
| 3058. **notatus**, Boddaert — (*2326*, exclus. syn.: Flower, Bonhote, Miller, 1900; *badging, vittatus, nigrovittatus, orestes*); Bonhote, Ann. Nat. Hist., 1901, VII, p. 445. | Java (exclus. aliis habitationibus). |
| **a.** — **albescens**, Bonhote, l. c., 1901, p. 446; Miller, Proc. U. S. Nat. Mus., 1903, p. 452. | Sumatra (Acheen). |
| 3059. **andrewsi**, Bonhote, l. c., VII, 1901, p. 456. | Java (Tjigombong). |
| 3060. **vittatus**, Raffles — (*2326* part.); Bonhote, l. c., 1901, p. 447; Fasc. Malay., 1903, p. 22, pl. 4, f. 7; Miller, Proc. U. S. Mus., 1903, p. 5. | Malacca (Perak, Selangor, Jambu, Bukit Besar), Sumatra. |
| *badging*, Kerr; Thomas, 1886; Sclater, 1891. | » |
| *notatus*, p., Thos., 1886; Flower, 1900. | » |
| *bivittatus*, Desmarest, 1822. | » |
| *toupai*, Lesson, 1827. | » |
| *notatus miniatus*, Gerrit Miller, Proc. Wash. Ac., 1900, p. 79. | Siam infer. (Trong). |
| **a.** — **tenuirostris**, Miller, Proc. Wash. Acad., 1900, p. 221; Bonhote, Ann. Nat. Hist., 1901, VII, p. 448. | I. Tioman (prope Malacca Orient.). |
| **b.** — **anambensis**, Miller, l. c., 1900, p. 223; Bonhote, l. c., 1901, p. 449. | Archip. Anambas, (Pulo Siantan). |
| **c.** — **abbotti**, Miller, l. c., 1900, p. 224; Bonhote, l. c., 1901, p. 449. | I. Tambelan Major et Pulo Bunoa (Mare Sinense). |

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| d. — **dulitensis**, Bonhote, l. c., 1901, p. 451. | Borneo. |
| *notatus*, p., Hose, 1893. | » |
| 3061. **saturatus**, Miller, Proc. U. S. Nat. Mus., 1903, p. 453. | Sumatra Sept.-Occ., (I. Pulo Mansalar). |
| 3062. **pretiosus**. Miller, Proc. U. S. Nat. Mus., 1903, p. 454. | Sumatra Sept.-Occ., (I. Pulo Bangkaru). |
| 3063. **ubericolor**, Miller, l. c., 1903, p. 455. | I. Pulo Tuangku, I. Banjak. |
| 3064. **lutescens**, Miller, Proc. Wash. Acad., 1901, p. 124. | Archip. Natuna Merid. (I. Sirhassen). |
| 3065. **melanops**, Miller, Proc. Acad. Philad., 1902, p. 151. | Sumatra (ad fl. Indragiri). |
| 3066. **seraiae**, Miller, l. c., 1901, p. 125. | Arch. Natuna Merid., (Pulo Seraia). |
| 3067. **rutiliventris**, Miller, l. c., 1901, p. 125. | Arch. Natuna (Pulo Midei). |
| 3068. **rubidiventris**, Miller, l. c., 1901, p. 127. | Arch. Natuna Sept. |
| *notatus*, p., Thos. et Hart., 1894—95. | (I. Bunguran). |
| 3069. **lautensis**, Miller, l. c., 1901, p. 128. | Arch. Natuna Sept. |
| *notatus*, p., Thos. et Hart., 1894—95. | (I. Pulo Laut). |
| 3070. **nigrovittatus**, Horsfield — (*2326 part.*): Cantor; Blyth; Bonhote, l. c., VII, 1901, p. 452; Fasc. Malay., 1903, p. 23, pl. 4, fig. 6. | Java, Sumatra, Malacca (Perak, Telôm, 1330 m). |
| *notatus*, p., Flower, 1900; Bonhote, 1900. | |
| a. — **orestes**, Thomas — (*2326a*); Bonh., l. c., 1901, p. 453. | Borneo (in montibus), M$^s$ Dulit. |
| b. — **klossi**, Miller, Proc. Wash. Acad., 1900, p. 225; Bonh., l. c., 1901, p. 454. | Archip. Tambelan (I. Saddle). |
| 3071. **microtis**, Jentink — (*2329*). | Arch. Celebes (I. Saleyer). |
| 3072. **rubriventer**, Müller et Schlegel — (*2330*); Meyer, Abh. Mus. Dresd., 1899, No. 7, p. 22. | Celebes Sept., Minahassa. |
| 3073. **lokrioïdes**, Hodgson — (*2333*). | M$^s$ Himalaya, Nipal, Birma Sup., Assam, Bengal Orient., I. Preparis. |
| a. — **similis**, Gray — (*2333a*). | Sikkim. |
| 3074. **chinensis**, Gray — (*2334*). | China Merid. |
| 3075. **rufigenis**, Blanford — (*2335*). | Tenasserim, Moulmein (in montibus). |

3076. **alstoni**, Anderson — (*2336*). ?Borneo.

3077. **diardi**, Jentink — (*2341*). I. Nusa-Kambang (ad Java Merid.).

3078. **murinus**, Müller et Schlegel — (*2342*); Matschie, Abh. Senck. Gesells., 1901, p. 279; Meyer, Abh. Mus. Dresd., 1899, No. 7, p. 21. I. Celebes Sept. (Menado, Gorontalo).

3079. **philippinensis**, Waterhouse — (*2343*). I. Philippinas (Mindanao, Basilan).

3080. **tenuis**, Horsfield — (*2345*); Miller, Proc. Wash. Acad., 1900, p. 221; 1903, p. 452. Malacca, Sumatra, Java, Borneo. Archip. Anambas.

**a.** — **surdus**, Miller, l. c., 1900, p. 80; Bonhote, Fasc. Malay., 1903, p. 21. Siam infer. (Trong), Malacca (Bukit Besar).

3081. **parvus**, Miller, Proc. Biol. Soc. Wash., 1901; p. 33. Borneo, Sarawak (Nulu, 330 m).

3082. **procerus**, Miller, l. c., 1901, p. 122. *tenuis*, p., Thos. et Hart., 1894—95. Archip. Natuna Sept. (I. Bunguran).

3083. **mansalaris**, Miller, l. c., 1903, p. 451. Sumatra Sept. (Tapanuli Bay, I. Pulo Mansalar).

3084. **bancarus**, Miller, l. c., 1903, p. 451. I. Banjak (Pulo Bangkaru).

3085. **lowi**, Thomas — (*2344*). Borneo Sept. et Occ.

3086. **natunensis**, Thomas — (*2344a*); Miller, l. c., 1901, p. 123 (bona sp.). Archip. Natuna (Sirhassen, Bunguran, Pulo Laut).

3087. **lingungensis**, Miller, l. c., 1901, p. 123. ?*lowi natunensis*, p., Thos. et Hart., 1895. Arch. Natuna Sept., (Pulo Lingung, Bunguran merid.).

3088. **robinsoni**, Bonhote, Fasc. Malay., 1903, p. 24, pl. 1. Malacca (Bukit Besar, 800 m).

3089. **brookei**, Thomas — (*2332, 2348*). Borneo Sept. (M$^s$ Dulit).

3090. **jentinki**, Thomas — (*2346*). Borneo (M$^s$ Kina-Balu, 2700 m).

3091. **fraterculus**, Thomas — (*2347*). I. Mentawei, Sipora (ad Sumatra).

3092. **rosenbergi**, Jentink — (*2349*). Celebes Sept., I. Sanghir et Siao.

3093. **tingahi**, Meyer — (*2350*). I. Sanghir, Ruang et Tagulanda.

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| 3094. **sarasinorum** Meyer, Abh. Mus. Dresd., 1898. No. 4, p. 1; 1899, No. 7, p. 21, pl. 5. | I. Celebes Sept. |
| 3095. **leucomus**, Müller et Schlegel — (*2351*); Meyer, l. c., 1897, p. 25, pl. 10; 1899. p. 21. | I. Celebes Sept. (Menado, Gorontalo etc.). |
| **a.** — **occidentalis**. Meyer, l. c., 1898. p. 2; 1899, p. 21. | I. Celebes. |
| 3096. **tonkeanus**, Meyer — (*2352*). | Celebes Sept. (Tonkean). |
| 3097. **weberi**. Jentink — (*2353*). | Celebes Centrali. |
| 3098. **steeri**, Günther — (*2354*). | I. Philippinas (Balabac, Palawan). |
| 3099. **möllendorffi**. Matschie — (*2354B*). | Philippinas (Calamianes, Culion). |
| 3100. **albicauda**, Matschie — (*2354C*). | Calamianes (Culion). |
| 3101. **samarensis**, Steere — (*2356*); Thomas. Trans. Zool. Soc., 1898, p. 388. | I. Samar. |
| 3102. **mindanensis**, Steere — (*2357*). | I. Mindanao. |
| 3103. †**fossilis** (Giebel) Cuvier — (*2358*). | † Eocaen. Gallia Sept. |
| 3104. †**dubius**, Schlosser — (*2360*). | † Eocaen. Gallia merid. |
| 3105. †**spectabilis**, Major — (*2362*). | † Eocaen. Helvetia (Jura). |
| 3106. †**cayluxi**, Filhol — (*2363*). | † Eocaen. Gallia merid. |
| 3107. †**gervaisianus**, Lartet — (*2357*). | † Miocaen. Gallia et Helvetia. |
| 3108. †**chalianati**, Pomel — (*2359*). | † Miocaen. Gallia merid. |
| 3109. †**minutus**, Lartet — (*2361*). | † Miocaen. Gallia merid. |

B. **Sciurus**, p. d.

† *Palæosciurus*, Pomel, 1851.

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| 3110. †**speciosus**, v. Meyer — (*2367*). | † Miocæn. Germania. |
| **a.** — **feignouxi**, Pomel — (*2367a*). | † Miocæn. Gallia Centrali. |
| 3111. †**goriächensis**, Hofmann — (*2368*). | † Miocæn. Styria. |
| 3112. †**gibberosus**, Hofmann — (*2369*). | † Miocæn. Styria. |
| 3113. †**bredai**, Major, Geol. Mag., 1899, p. 362. | † Miocæn. Germania (Eningen). |

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| 3114. **vulgaris**, L. — (*2364*); Barret-Hamilton, P. Z. S., 1899, p. 6. | Europa Sept., Scandinavia merid. |
| a. — **leucurus**, Kerr, Anim. Kingd., 1792, p. 256; Thomas, Zoologist, 1896, p. 401; B.-Hamilton, l. c., 1899, p. 3. | I. Britannia. |
| b. — **rufus**, Kerr, Anim. Kingd., 1792, p. 255; B.-Hamilton, l. c., 1899, p. 5. *alpinus*, F. Cuv.; *italicus*, Bp. | Europa Centrali, Gallia Sept., Belgia, Germania, Helvetia, Austria Sept. |
| c. — **varius**, Kerr, l. c., 1792, p. 256 (nec Pallas, 1831); B.-Hamilton, l. c., 1899, p. 6. | Scandinavia Sept., Laponia, Rossia, Polonia, Borussia Or., Ungaria, Siberia Occ. |
| d. †**diluvianus**, Munster — (*2364 p.*, *2364* †). | †Pleistocaen. Europa. |
| 3115. **calotus**, Gray — (*2364 p.*); B.-Hamilton, P. Z. S., 1899, p. 6; Styan, P. Z. S., 1899, p. 577; Allen, Bull. Amer. Mus., 1903, p. 134. | Siberia Sept.-Or., et à Manchuria (Pekin), I. Sachalin ad Nipal. |
| *calotus (Mustela)*, Hodgson, Calc. Journ., 1841, p. 222, pl. 9. | » |
| a. — ?**argenteus**, Kerr, l. c., 1792. | Siberia (ad Obi). |
| 3116. **lis**, Temminck — (*2365*). | Japon central. et merid. |
| 3117. **anomalus**, Guldenstaedt — (*2366 p.*) (nec Kuhl, 1820); Satunin, Zool. Jahrb., 1896, p. 296; Mamm. Caucasica, 1903, p. 56. | Rossia Merid., M$^{s}$ Caucasus, Georgia. |
| *caucasicus*, Pall., 1811. | » |
| 3118. **persicus**, Erxleben — (*2366 p.*). *fulvus*, Blanford; *syriacus*, Ehrenb. | Asia Minor, Persia, Syria, Arabia. |
| 3119. **macclelandi**, Horsfield — (*2302*). | M$^{s}$ Himalaya, Assam. |
| a. — **kongensis**, Thomas, P. Z. S., 1901, p. 55. | Siam, Rahong (120 m). |
| *barbei*, p., Bonhote, P. Z. S., 1900, p. 194. | » |
| b. — **barbei**, Blyth (nec Bonh.) — (*2302 a*). | Tenasserim. |
| c. — **leucotis**, Temminck — (*2302 p.*); Bonhote, Fasc. Malay., 1903, p. 21. | Malacca (Perak, Salangor, Telôm, 1000 m). |
| d. — **manipurensis**, Bonhote, Ann. Nat. Hist., 1900, V, p. 51. | Manipur. |
| e. — **maritimus**, Bonhote, l. c., 1900, p. 51. | China, Fokien. |

f. — **monticolus**, Bonhote, l. c., 1900, p. 52. — China, Fokien.

g. — **formosanus**, Bonhote, l. c., 1900, p. 52. — I. Formosa.

3120. **swinhoei**, A. M.-Edwards — (*2302b*); Thomas, P. Z. S., 1898, p. 771; Styan, P. Z. S., 1899, p. 578.
*macclelandi*, p., Auct. — China Merid., à Thibet, Moupin. Sechuen (1800 m), ad Chekiang, Fokien, et ad Mare Sinense.

C. **Parasciurus**, Trt., 1880; Thomas, 1897.

*Macroxus*, p., Trt., Catal., 1897; *Paramys*, Cope, 1873. Trouessart, Le Naturaliste, II, 1880, p. 292.

3121. † **calycinus**, Cope — (*2378*). — † Pleistocaen. Pennsylvania.

3122. † **panolius**, Cope — (*2379*). — † Pleistocaen. Virginia.

3123. † **vortmanni**, Cope — (*2380*). — † Miocaen. Oregon.

3124. † **relictus**, Cope — (*2381*). — † Oligocaen. Colorado.

3125. † **ballovianus**, Cope — (*2382*). — † Miocaen. Oregon.

3126. † **jeffersoni**, Douglass, Trans. Am. Phil. Soc., 1901, p. 16. — † Oligocaen. Montana.

3127. † **arctomyoïdes**, Douglass, Ann. Carneg. Mus., 1903, p. 181, 182, f. 22. — † Miocaen. Montana.

3128. **niger**, L. — (*2370*); Elliot, Field Columb. Mus., II, 1901, p. 51, f. 10.
*variegatus*, p., Erxleben, 1777 [1]) — (*2385*, excl. syn.). — America Sept., à Virginia (Carolina), ad Floridam, Ms Alleghanis, Louisianam.

a. — **melanonotus**, Thomas — (*2370a*). — Mexico (Vera-Cruz, Jalapa).

3129. **rufiventer** (E. Geoff.), Desmarest — (*2372 syn.*); Allen, Bull. Amer. Mus., 1902, p. 167.
*ludovicianus*, Custis - (*2372*); Elliot, l. c., 1901, p. 52. — Vallo Mississipi (New Orleans), à Louisiana ad Dakota Merid., Michigan, et ab Alleghanis Occ. ad Campos Orient.

a. — **texianus**, Bachman, P. Z. S., 1838, p. 86; Allen, l. c., 1902, p. 167.
*limitis*, Baird, 1855 — (*2372b*); Elliot, l. c., 1901, p. 53; Nelson, Proc. Wash. Acad., 1899, p. 97, pl. 1, f. 1. — Texas Occid., usque ad Mexico, (Nuevo Leon, Caahuila).

[1]) Espèce composite et par suite indéterminable.

**b.** — **neglectus**, Gray, Ann. Nat. Hist., XX, 1867, p. 425; Allen, l. c., 1902, p. 167; Nelson, Proc. Biol. Soc. Wash., 1900, p. 170.
*rivinus*, Bangs, 1896 — (*2372 a*); Elliot, l. c., 1901, p. 52. — A New-England, Pennsylvania, ad Virginiam Occid. (White Sulphur Springs).

D. **Araeosciurus**, Nelson, 1899.

Nelson, Proc. Wash. Acad., 1899, p. 29, 88 (Recognitio).

3130. **oculatus**. Peters (*2387 part., 2388$^{B}$*); Nelson, Proc. Wash. Acad., 1899, p. 29, 88, pl. 1, f. 3. — Mexico (Las Vigas), Puebla, Vera Cruz, Queretaro, San Luis Potosi Merid.

**a.** — **tolucae**, Nelson (*2388$^{B}$b*); Nelson, l. c., 1899, p. 89. — Sierra Madre (Vulc. Toluca) Queretaro, Guanajuato.

3131. **alleni**, Nelson — (*2373$^{B}$*); Nelson, l. c., 1899, p. 91.
*carolinensis*, p., Allen, 1877; Alston, 1878—80. — Mexico, Nuevo Leon (Monterey), Tamaulipas, Victoria, Miquihuana.

3132. **nayaritensis**, Allen — (*2371*); Nelson, l. c., 1899, p. 93.
*alstoni*, Allen, 1889 (nec Anderson, 1878). — Mexico Merid., (Sierra Valparaiso, Zatecas, ad Jalisco Merid.)

3133. **apache**, Allen — (*2388*); Nelson, l. c., 1899, p. 94; Elliot, Field Col. Mus., II, 1901, p. 58.
*griseoflavus*, Thomas, 1882 (nec Gray, 1867). — Arizona Merid. et Mexico (M$^{tes}$ Chihuahua), Sonora Or., Sinaloa Sept.-Or.
*niger ludovicianus*, Thomas, 1890. — »

3134. **arizonensis**, Coues — (*2387*); Elliot, l. c., 1901, p. 59, f. 14. — Arizona (Fort Whipple).

**a.** — **huachuca**, Allen — (*2387 d*); Nelson, l. c., 1899, p. 96; Elliot, l. c., 1901, p. 60 (bona species). — Arizona Merid., (M$^{s}$ Huachuca), Sonora Sept.-Orient.

E. **Neosciurus**, Trt., 1880.

Trouessart, Le Naturaliste, 1880, p. 292; Nelson, Proc. Wash. Acad., 1899, p. 27.

3135. **carolinensis**, Gmelin — (*2373*); Elliot, Field Columb. Mus., II, 1901, p. 53, f. 11, p. 54. — United States Or., à New-York Merid. ad Floridam Sept. (Carolina), Missouri, Indian Terr. et Campos.

**a.** — **leucotis**, Gapper — (*2373a*); Elliot, l. c., 1901, p. 54. — A Canada Merid., ad Alleghanis et Minnesota (Ontario).

**b.** — **hypophaeus**, Merriam — (*2373b*); Elliot, l. c., 1901, p. 54. — Minnesota (Elk River).

**ç.** — **fuliginosus**, Bachman — (*2373c*); Elliot, l. c., 1901, p. 55. — Louisiana Orient. (New-Orleans).

**d.** — **extimus**, Bangs — (*2373d*); Elliot, l. c., 1901, p. 55. — Florida Merid., (Dade Co., Miami).

F. **Hesperosciurus**, Nelson, 1899.

Nelson, Proc. Wash. Acad., 1899, p. 27, 83.

3136. **griseus**, Ord, Guth. Geogr., 1815, p. 292 — (*2383*); Elliot, Field Col. Mus., II, 1901, p. 55, f. 12, p. 56; Nelson, Proc. Acad. Wash., 1900, p. 83, pl. 1 et 2. — Terr. Washington Merid. Occid., Oregon Occid., California Sept. et Merid., (San Diego Co.), ad Mexico.

*anthonyi*, Mearns — (*2383b*).

*jossor*, Peale, 1848 (nec Gerv.) — (*2383*).

**a.** — **nigripes**, Bryant — (*2383a*); Elliot, l. c., 1901, p. 56. — California Occid., (San Mateo Co.).

G. **Otosciurus**, Nelson, 1899.

Nelson, Proc. Wash. Acad., 1899, p. 28, 85.

3137. **aberti**, Woodhouse — (*2384, 2384*); Elliot, Field Columb. Mus., II, 1901, p. 57, f. 13, p. 58. — Arizona, New-Mexico (M[s] San Francisco), Colorado in montibus.

*castanotus*, Baird — (*2384a*). — »

**a.** — **ferreus**, True, Proc. Biol. Soc. Wash., 1900, p. 83. — Colorado Sept.-Or., (Larimer Co., Loveland).

*concolor*, True, 1894 — (*2384b*), nec Blyth, 1855.

3138. **durangoi**, Thomas — (*2384c*); (bona species), Nelson, Proc. Wash. Acad., 1899, p. 85, pl. 1, f. 2. — Mexico Centrali (Durango, El Salto, Sierra Madre).

H. **Tamiasciurus**, Trt., 1880.

Trouessart, Le Naturaliste, 1880, p. 292.

Recognitio.

1898. — J. A. Allen, *Revision of the Chickarees* (Bull. Amer. Mus., 1898, p. 249).

3139. **hudsonius**, Erxleben — (*2374*); Elliot, Field Columb. Mus., II, 1901, p. 60, 61, f. 15; Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 27; Osgood, N.-Am. Fauna, No. 19, 1900, p. 26. — America Boreali (freto Hudson), Labrador, Canada, Alaska.

a. — **gymnicus**, Bangs, l. c., 1899, p. 28; Elliot, l. c., 1901, p. 61. — Maine (Greenville), et New York Sept., Michigan Sept., Minnesota Sept.

b. — **loquax**, Bangs — (*2374a*); Bangs, l. c., 1899, p. 28, 29; Elliot, l. c., 1901, p. 62. — Ontario ad Carolinam Or., Minnesota in Occ. (Connecticut, Liberty Hill).

c. — **minnesota**, Allen, Amer. Natural., 1899, p. 640; Elliot, l. c., 1901, p. 62. — Minnesota Merid. (Fort Snelling), Wisconsin, Iowa, Indiana Sept.

d. — **dakotensis**, Allen — (*2374b*); Elliot, l. c., 1901, p. 62. — Dakota Merid., (Black Hills), Wyoming Sept.

e. — **baileyi**, Allen — (*2374c., App.*); Elliot, l. c., 1901, p. 63; Allen, Bull. Am. Mus., 1903, p. 532. — Wyoming (M$^{s}$ Big Horn), Montana Or., Alberta Merid., usque ad M$^{tes}$ Rupestres, Alaska (fontes fl. Shesley).

f. — **ventorum**, Allen — (*2474d., App.*); Elliot, l. c., 1901, p. 63. — Wyoming (South Pass City), M$^{s}$ Wind River, Lac. Mystic, Idaho, Utah Sept.-Or. (M$^{s}$ Wasatch).

g. — **richardsoni**, Bachman — (*2376, 2374e, App.*); Elliot, l. c., 1901, p. 64. — Oregon (ad fl. Columbia), Montana Occ., Idaho, Terr. Washington et Columbia Brit.

h. — **streatori**, Allen — (*2374f, App.*); Elliot, l. c., 1901, p. 64. — Columbia Brit. (Ducks), et Washington Sept.

i. — **vancouverensis**, Allen — (*2374d*); Elliot, l. c., 1901, p. 64; Osgood, N.-Am. Fauna, 19, 1900, pl. 5, f. 1; Allen, Bull. Am. Mus., 1903, p. 531.
*mollipilosus*, Aud. et Bachm. — (*2377b*); Bangs, Proc. Biol. Soc. Wash., 1903, p. 100. — I. Vancouver (Duncan Station), I. Kuprennof; usque ad Sitka et Wrangel (Alaska).

j. — **petulans**. Osgood, N.-Am. Fauna, No. 19, 1900, p. 27, pl. 5, f. 2. — Alaska (White Pass, in glacier, 600 m).

3140. **douglasi**, Gray, P. Z. S. 1836, p. 88 (nom. nud.) — (*2377, 2377*); Elliot, l. c., 1901, p. 65.
*belcheri*, Gray; *Suckleyi*, Baird (exclus. aliis synon.). — Oregon Occ. (ad fl. Columbia), Washington (à Cap. Blanco ad Puget Sound).

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| **a.** — **orarius**, Bangs, Proc. Biol. Soc. Wash., 1897, p. 281; 1903, p. 99. *mollipilosus*, Allen (nec Aud. et Bachm.); Elliot, l. c., 1901, p. 65. | California, ad Occ. Coast Range, à Sonoma Co., ad Oregon (Curry Co.). |
| **b.** — **cascadensis**, Allen, Bull. Am. Mus., 1898, p. 277; Elliot, l. c., 1901, p. 66. | Oregon, M$^{s}$ Cascade (M$^{s}$ Hood et Washington. |
| **c.** — **albolimbatus**, Allen, Bull. Am. Mus., 1898, p. 453; Merriam, N.-Am. Fauna, 16, 1899, p. 91; Elliot, l. c., 1901, p. 66. *californicus*, Allen, 1890 — (*2374e*, *2377d*), nomen praeoccupatum. | California Sept. (Sierra Nevada), Oregon ad Or. M$^{tium}$ Cascade (M$^{s}$ Maury, Shasta, Strawberry Butte). |
| **d.** — **mearnsi**, Townsend — (*2377$^{B}$*); Nelson, Proc. Wash. Acad., 1899, p. 87, pl. 1, f. 8. | California infer., M$^{s}$ San Pedro Martir. (2700 m) usque ad Mexico Occ. |
| 3141. **fremonti**. Aud. et Bachm. — (*2375*, *2375*); Elliot, l. c., 1901, p. 66. | M$^{tes}$ in Colorado et Uintah, Utah, ad Wyoming Merid. (South Pass, M$^{s}$ Rupestres). |
| **a.** — **mogollonensis**, Mearns — (*2375a*); Elliot, l. c., 1901, p. 67. | Arizona Centrali in montibus (M$^{s}$ Mogollon). |
| **b.** — **neomexicanus**, Allen, Bull. Am. Mus., 1898, p. 291; Elliot, l. c., 1901, p. 67. | New-Mexico, M$^{s}$ Taos (Colfax Co., Rayado Canon). |
| **c.** — **grahamensis**, Allen — (*2374c*); Elliot, l. c., 1901, p. 67. | Arizona Merid.-Or., M$^{s}$ Graham. |

### I. **Echinosciurus**, Trt., 1880.

Trouessart, Le Naturaliste, 1880, p. 292; Nelson, Proc. Wash. Acad., 1899, p. 25, 38 (Recognitio).

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| 3142. **aureogaster**, F. Cuvier — (*2385a*); Nelson, Proc. Biol. Soc. Wash., 1898, p. 153; Proc. Wash. Acad., 1899, p. 38, pl. 1, f. 9. *niger*, p., Erxleb., 1777; *variegatus*, p., Desm., 1817; Saussure; Alston; Thomas, 1890 (nec Erxleb., 1777). *rufiventer*, Licht., 1827. *leucogaster*, F. Cuvier — (*2386*). *mustelinus*, Aud. et Bachm., 1841—51. *ferruginiventris*, Aud. et Bachm., 1841—51. *chrysogaster*, Giebel, 1855. *hypopyrrhus* et *leucops*, Allen, 1891—97, (nec Wagler, nec Gray). | Mexico Orient. (*nec* »California«), in montibus, Tamaulipas Merid., Vera Cruz Sept., San Luis Potosi Or., Queretaro et Puebla Or., Hidalgo Sept.-Or., Tehuantepec Sept., Oaxaca. » » » |

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| **a.** — **hypopyrrhus**, Wagler — (*2387b, 2387c*); Thomas, P. Z. S., 1897, p. 933; Nelson, l. c., 1899, p. 42.<br>*morio* et *maurus*, Gray, 1867.<br>*variegatus*, p., Sumichrast, 1882.<br>?*rufiventris*, Rovirosa, 1887.<br>*aureogaster*, p., Allen, 1890. | Mexico, Vera Cruz (Minatitlan), Oaxaca Merid.-Or., Tabasco, Chiapas Orient., ?Guatemala.<br>» |
| **b.** — **frumentor**, Nelson — (*2385D d*); Nelson, l. c., 1899, p. 44. | Mexico (Las Vigas), M$^{s}$ Cofre de Perote. |
| 3143. **poliopus**, Fitzinger, S.-B. Akad. Wien, 1867, LV, p. 478; Nelson, l. c., 1899, p. 46.<br>*albipes*, Wagner, 1837 (nec Kerr, 1792) — (*2385, 2385c*); *variegatus*, p., Alston, 1878—80.<br>*variegatus rufipes* et *poliopus*, Fitz., 1867.<br>*varius*, Wagner 1843 (nec Pallas, 1831).<br>*leucops*, Gray, 1867; *wagneri*, Allen, 1898. | Mexico, Oaxaca (Cerro San Felipe), Merid. parte Valli Oaxaca (2500—3650 m).<br>»<br>»<br>» |
| **a.** — **hernandezi**, Nelson, Science, 1898, p. 783; l. c., 1899, p. 48.<br>*albipes quercinus*, Nelson — (*2385C b*).<br>*wagneri quercinus*, Allen, 1898. | Mexico, Oaxaca (M$^{tes}$ ad Occ. urbis Oaxaca), Puebla Merid., Guerrero Merid.-Or. |
| **b.** — **nemoralis**, Nelson — (*2385C c*); Nelson, l. c., 1899, p. 50. | Mexico (à Vul. Toluca, ad Nahuatzin, Michoacan, Patzcuaro). |
| **c.** — **cervicalis**, Allen — (*2374f*); Nelson, l. c., 1899, p. 51.<br>*leucops*, Allen, 1877, 1889 (nec Gray, 1867).<br>*variegatus*, p., Alston, 1880 (nec Erxleb.).<br>*wagneri cervicalis*, Allen, 1898. | Jalisco (Tonila, hacienda San Marcos), Sierra Nevada de Colima Or., et Michoacan Occ. (4000 m). |
| **d.** — **colimensis**, Nelson — (*2385C d*); Nelson, l. c., 1899, p. 52.<br>*leucops*, p., Allen, 1877. | Colima (hacienda Magdalena) in Mexico Occid. |
| **e.** — **effugius**, Nelson — (*2385C e*); Nelson, l. c., 1899, p. 54.<br>*wagneri effugius*, Allen, 1898. | Guerrero (M$^{s}$ Chilpancingo), 2500—3150 m. |
| 3144. **nelsoni**, Merriam — (*2389*); Nelson, l. c., 1899, p. 55. | Mexico Merid., Morelos (Huitzilac), Ajusco, Vallo Toluca, etc. (2600—4000 m) |

a. — **hirtus**, Nelson — (*2389b*); Nelson, l. c., 1899, p. 56. — Puebla (Tochimilco), M^s^ Popocatepetl, etc., Morelos.

3145. **colliaei**, Richardson — (*2387c, 2387^B^*); Nelson, l. c., 1899, p. 58. — Mexico, Tepic (San Blas), usque ad sinus Banderas.

*hypopyrrhus*, p., Alston, 1878; Allen, 1878.

a. — **nuchalis**, Nelson, l. c., 1899, p. 59. — Colima (Manzanillo), Michoacan Sept., Jalisco.

3146. **sinaloensis**, Nelson, l. c., 1899, p. 60. — Mexico, Sinaloa (Mazatlan).

3147. **truei**, Nelson, l. c., 1899, p. 61. — Mexico, Sonora (Camoa, Rio Mayo).

3148. **socialis**, Wagner — (*2385, 2385^B^*); Nelson, Proc. Biol. Soc. Wash., 1898, p. 154; l. c., 1899, p. 62. — Mexico, Oaxaca (urbi Tehuantepec), à Puerto Angel ad Chiapas (Tonala et Tuxtla), et Guatemala.

*variegatus*, p., Alston, 1878—80; Sumichrast. — »

*aureigaster*, p., Allen, 1877. — »

*leucops*, p., Allen, 1877. — »

a. — **cocos**, Nelson — (*2385^B^b*); Nelson, l. c., 1899, p. 65. — Guerrero (Acapulco), usque ad Oaxaca (Jamiltepec).

*aureogaster*, Is. Geoffroy, 1846—55 (nec Is. Cuvier, 1829).

3149. **griseoflavus**, Gray — (*2387a*); Nelson, l. c., 1899, p. 67; Alston; Allen, 1878. — Guatemala Sept.-Occ. et Centrali (Dueñas), et Chiapas Merid. (in montibus).

*ludovicianus*, p., Tomes, 1861 (nec Custis, 1806). — »

*aureigaster*, p., Allen, 1877. — »

*affinis*, Alston, 1878 (nom. nud.) — »

a. — **chiapensis**, Nelson, l. c., 1899, p. 69. — Chiapas Centrali (San Cristobal, 2500—3150 m).

3150. **yucatanensis**, Allen — (*2373e*); Allen, Bull. Am. Mus., 1897, p. 5; Nelson, l. c., 1899, p. 70. — Mexico Merid., Yucatan (Merida).

*carolinensis*, p., Alston, 1878—80. — »

a. — **balliolus**, Nelson, Proc. Biol. Soc. Wash., 1901, p. 131. — Mexico.

3151. **thomasi**, Nelson, l. c., 1899, p. 71. — Costa Rica (Talamanca).

*boothiæ*, p., Allen, 1877 (nec Gray, 1842).

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| *hypopyrrhus*, p., Alston, P. Z. S., 1878, p. 662; id., Biol. C.-Am., 1880; Allen, 1878—91—97; Alfaro, 1897. | Costa Rica (Talamanca). |
| 3152. **adolphei**, Lesson, Rev. Zool., 1842, p. 130 (nom. nud.); Gray, Ann. Nat. Hist., 1867, XX, p. 433; Nelson, l. c., 1899, p. 73. | Nicaragua Occid. (Realejo). |
| *boothiæ*, p., Allen, 1877. | » |
| *hypopyrrhus*, p., Alston, 1878—80; Allen, 1878. | » |
| **a.** — **dorsalis**, Gray — (*2387 e*); Nelson, l. c., 1899, p. 74. | Costa Rica (Liberia), |
| *rigidus*, Peters — (*2387 f*). | (*nec* Venezuela), |
| *nicoyana*, Gray — (*2387 g*). | Nicoya usque ad Alajuela; |
| *intermedius*, Gray, 1867. | ?Nicaragua. |
| *boothiæ*, p., Allen, 1877. | |
| *hypopyrrhus*, p., Allen, 1877, 1878; Alston, 1878, 1880; Alfaro, 1897. | » |
| **b.** — **melania**, Gray — (*2387 g part.*); Bangs, Bull. Mus. Comp. Zool., 1902, p. 22. | Panama, Chiriqui (Boquete, 1700 m), Costa-Rica. |
| 3153. **boothiae**, Gray, List Mam., 1843, p. 139; Voy. Sulph., 1863, p. 34, pl. 13, f. 1 — (*2387 part.*, *2387$^{E}$*); Nelson, l. c., 1899, p. 76. | Honduras (San Pedro Sula), Guatemala. |
| *richardsoni*, Gray, 1842 (nec Bachm., 1838). | » |
| *fuscovariegatus*, Schinz, 1845. | » |
| *hypopyrrhus*, p., Alston, 1878—80; Allen, 1878. | » |
| **a.** — **belti**, Nelson, l. c., 1899, p. 78. | Nicaragua Or., (ad fl. Escondido), Honduras Merid. (ad fl. Segovia). |
| 3154. **variegatoïdes**, Ogilby — (*2387 part.*); Nelson, l. c., 1899, p. 79. | America Centrali Occ., (Salvador). |
| *pyladei*, Lesson, 1842; Baird, 1857. | » |
| *griseocaudatus*, Gray, 1843. | |
| *colliæi*, Var. 1, Gray, 1867. | » |
| *hypopyrrhus*, p., Allen; Alston. | » |
| 3155. **managuensis**, Nelson — (*2387$^{E}$b*); Nelson, l. c., 1899, p. 81. | Guatemala Sept. (fl. Managua). |
| 3156. **goldmani**, Nelson — (*2387$^{D}$*); Nelson, l. c., 1899, p. 82. | Mexico, Chiapas (Huehuetan), et Guatemala Sept. |

3157. **variabilis**, Is. Geoffroy — (*2390*); Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 91; Bangs, Proc. Biol. Soc. Wash., 1898, p. 183. *saltuensis bondae*, Allen, Bull. Am. Mus., 1899, p. 213. — Colombia, (Santa Maria, Bonda), Venezuela, etc.

a. — **saltuensis**, Bangs, l. c., 1898, p. 185; Nelson, l. c., 1900, p. 92. — Colombia (Pueblo Viejo, 2650 m, Palomina, San Sebastian).

b. — **gerrardi**, Gray — (*2390 part.*). — Colombia (Nov.-Grenada).

c. — **morulus**, Bangs, Proc. N.-Engl. Zool. Club, 1900, p. 43. — Panama (Loma del Leon), Costa Rica.

3158. **versicolor**, Thomas, Ann. Nat. Hist., 1900, VI, p. 385. — Equator Sept. (Esmeraldas), Colombia (Valdivia, Bogota).

3159. **pyrrhinus**, Thomas — (*2390B*). *variabilis*, p., Tschudi. — Peru (Vitoc, Garita del Sol).

3160. **igniventris**, Wagner — (*2397*); Thomas, Ann. Nat. Hist., 1900, VI, p. 137. — Brasil Sept., Amazonia, Orinoco Sup., Rio Negro.

a. — **taedifer**, Thomas, l. c., 1903, p. 487. *igniventris p.*, Thos., 1900. — Bogota (Sabaña Grande).

3161. **pyrrhonotus**, Wagner — (*2398*); Thomas, l. c., 1900, VI, p. 139. — Brasil (Borba, Madeira), Bolivia (Yungas, Missiones, Mamoré Sup.).

3162. **castus**, Thomas, l. c., 1903, p. 488. — Bolivia (Chimate, Rio Beni Sup., 700 m).

3163. **stramineus**, Eydoux et Souleyet — (*2393*); Thomas, Ann. Nat. Hist., 1900, V, p. 151. *fraseri*, Gray — (*2395*). — Equator.

a. — **guayanus**, Thomas, l. c., 1900, p. 150. — Equator Occ. (Guayaquil, Ms Balzar).

b. — **nebouxi**, Is. Geoffroy — (*2394*); Thomas, l. c., 1900, p. 151. — Peru Sept.-Occid. (Deserto Sechura, Sapotillo).

3164. **medellinensis**, Gray, Ann. Nat. Hist., 1867, XX, p. 408 — (*2391 p.*); Thomas, Ann. Nat. Hist., 1900, VI, p. 366. — Colombia (Vallo Cauca, etc.).

?*pucherani*, Fitzing.; ?*caucensis*, Nelson, 1899 (fide Thomas, 1900). — »

*rufoniger*, Pucheran, 1845 (nec Gray, 1842). — »

J. **Guerlinguetus**, Gray, 1821; Nelson, 1899.

Gray, London Medic. Repos., XV, 1821, p. 304.

3165. **aestuans**, L. — (*2392*, excl. syn.). — Guiana, Brasil Or., (Surinam).

*guerlingus* (*Myoxus*), Shaw, 1801. — »

Var. *guianensis*, Peters, 1863. — »

a. — **chiriquensis**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 22. — Panama (Bogaba ad Vulc. Chiriqui 2330 m).

b. — **quebradensis**, Allen, Bull. Am. Mus., 1899, p. 217. — Venezuela (Quebrada Secca).

c. — **cuscinus**, Thomas, Ann. Nat. Hist., 1899, III, p. 40. — Peru (Cuzco, Ocabamba).

d. — **hoffmanni**, Peters — *2392a*, exclus. syn.: »*griseogena*, Gray«); Nelson, Proc. Wash. Acad., 1899, p. 98. — Costa-Rica et America Centrali usque ad Colombia (Vallo fl. Cauca Sup.).

*xanthotus* et *griseogena*, p., Gray, 1867. — »

*rufoniger*, p., Allen, 1877.

*griseogenys*, p., Alston, 1878.

3166. **chapmanni**, A. Allen, Bull. Amer. Mus., 1899, p. 16. — I. Trinitad (Caparo).

*hoffmanni*, p., Allen et Chapm., 1893—1897. — »

3167. **richmondi**, Nelson — (*2392B*); Nelson, l. c., 1899, p. 100. — Nicaragua (fl. Escondido).

3168. **griseogena**, Gray, Ann. Nat. Hist., 1867, XX, p. 429 (specim. ex Venezuela tantum); Thomas, l. c., 1901, VII, p. 193. — Venezuela.

a. — **meridensis**, Thomas, Ann. Nat. Hist., 1901, VII, p. 192. — Venezuela (Sierra de Merida Escorial, 2500 m).

3169. **quelchii**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 147. — Guiana Brit. (M$^{tes}$ Kanuku).

3170. **macconnelli**, Thomas, l. c., 1901, p. 148 (nota). — Guiana (M$^{s}$ Roraima).

3171. **ingrami**, Thomas, Ann. Nat. Hist., 1901, VII, p. 368. — Brasil Merid. (Minas Geraës Merid., Tunnel, 1200 m., ad Rio Jordaô).
*æstuans*, p., Wagner; Burmeister; Hensel; Pelzeln; Winge (nec L.).

3172. **roberti**, Thomas, Ann. Nat. Hist., 1903, XII, p. 463. — Brasil Orient., (Pernambuco, San Lourenço).

3173. **irroratus**, Gray, Ann. Nat. Hist., 1867, XX, p. 431. — Brasil Sept.

3174. **gilvigularis**, Wagner — (*2399*). — Brasil Amazonic. (Borba.)

3175. **cocalis**, Thomas, l. c., 1900, VI, p. 138. — Amazonia. (Rio Napo Sup., ad ostia fl. Coca).

3176. **tricolor** (Poeppig), Tschudi — (*2396*); Thomas, l. c., 1900, VI, p. 137. — Amazonia (Maynas ad fl. Marañon), fl. Coca, Rio Negro Sup.

**a.** — **morio**, Wagner (nec Gray) — (*2396a*). — Peru.

*?fumigatus*, Gray. — Amazonia Sup. »

3177. **?brunneo-niger**, Gray, 1867; Thomas, l. c., 1900, VI, p. 138. — Amazonia — ?

3178. **langsdorffi**, Brandt — (*2400*). — Brasil Amazon., (Cuyaba, Matogrosso), Brasil Centrali.

3179. **caucensis**, Nelson, Bull. Am. Mus., 1899, p. 79. — Colombia (Vallo Cauca Sup., ad fl. Lima, 2000 m).
*?medellinensis*, p., Thomas, 1900.

## K. **Baiosciurus**, Nelson, 1899.

Nelson, Proc. Wash. Acad., 1899, p. 31, 101.

3180. **deppei**, Peters — (*2391a*, excl. syn.); Nelson, Proc. Wash. Acad., 1899, p. 101, pl. 1, f. 4. — Mexico, Vera Cruz (Papantla), Tehuantepec, Chiapas. Guatemala Honduras (Truxillo).
*tephrogaster*, p., Gray, 1867—1872.
*taeniurus*, Gray, 1867.
*griseogena*, p., Gray, 1867 (ex Mexico).

**a.** — **vivax**, Nelson, Proc. Biol. Soc. Wash., 1901, p. 131. — Campêche.

3181. **negligens**, Nelson — (*2391*$^{B}$); Nelson, l. c., 1899, p. 104. — Mexico, Tamaulipas, (Alta Mira), San Luis Potosi Or., Vera Cruz Sept.

*arizonensis*, p., Alston, 1880.

*deppei*, p., Allen, 1891.

L. **Syntheosciurus**, Bangs, 1902.

Bangs, Bull. Mus. Comp. Zool., 1902, p. 25 (bonum genus).

3182. **brochus**, Bangs, l. c., 1902, p. 25, f. 1—4, p. 26. — Panama, Chiriqui (Boquete, 2330 m).

M. **Microsciurus**, Allen, 1895.

Allen, Bull. Amer. Mus., 1895, p. 333.

3183. **chrysurus**, Pucheran — (*2391*); Thomas, Ann. Nat. Hist., 1901, VII, p. 194. — Colombia (Nova-Grenada).

3184. **similis**, Nelson, Bull. Amer. Mus., 1899, p. 78. — Colombia. Vallo Cauca (Cali, 2000 m).

3185. **otinus**, Thomas, Ann. Nat. Hist., 1901, VII, p. 193. — Colombia (Medellin).

3186. **isthmius**, Nelson, l. c., 1899, p. 77, fig. 1, p. 78. — Colombia (in Isthmo Darien, fl. Truando, Rio Atrato).

3187. **pusillus**, Desmarest — (*2392 part.*); Nelson, Proc. Wash. Acad., 1899, p. 32. — Guiana (Cayenne).

3188. **kuhli**, Gray — (*2392 part.*); Nelson, l. c., 1899, p. 32. — Brasil Sept.

3189. **alfari**, Allen — (*2401*); Nelson, l. c., 1899, p. 105, pl. 1, f. 6; pl. 2, f. 2. — Costa-Rica (Jimenez).

3190. **simonsi**, Thomas, Ann. Nat. Hist., 1900, VI, p. 294. — Equator, Bolivar (Porvenir prope Zaparal, 1500 m).

3191. **browni**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 24. — Panama, Chiriqui (Bogaba).

3192. **mimulus**, Thomas — (*2401*$^{B}$). — Equator Sept. (Cachavi).

3193. **peruanus**, Thomas (*2401*$^{C}$). — Peru (Guayabamba, 1300 m).

**a.** — **napi**, Thomas, Ann. Nat. Hist., 1900, VI, p. 295. — Equator Sept.-Occid., Rio Napo Sup. (fl. Coca infer.).

## 576. **Glyphotes,** Thomas, 1898.

Thomas, Ann. Nat. Hist., 1898, II, p. 250.

3194. **simus**, Thomas — (*2401D*). — Borneo Sept. (M$^{s}$ Kina Balu).

## 577. **Sciurotamias,** Miller, 1901.

*Rhinosciurus,* p., Trt., 1897; *Eutamias,* p., Miller, 1898.

3195. **davidianus**. A. M.-Edwards — (*2307*); Miller, l. c., 1901, p. 23; Styan, P. Z. S., 1899, p. 577. — China Sept., Pekin, Setchuan (in montibus).
*consobrinus*, Berezowski.

3196. **pernyi**. A. M.-Edwards — (*2340*); Thomas, P. Z. S., 1898, p. 772; Styan, l. c., 1899, p. 577. — China Occ., Setchuan (in sylvis, 1000—1300 m), Fokien, Yunnan.
*flavipectus*, David.

3197. **pyrrhomerus**, Thomas — (*2338*); Styan, l. c., 1899, p. 577. — China Merid., Kweichow (in montibus).

3198. **senescens**, Miller, Proc. Acad. Philad., 1898, p. 349 (Eutamias); Proc. Biol. Soc. Wash., 1901, p. 23. — China Sept., Pekin.

## 578. **Eutamias,** Trt., 1880; Merriam, 1897.

*Sciurus,* p., Auct.: *Tenotis,* p., Rafin., 1817; *Tamias,* p., Trt., 1897. Trouessart, Bull. Soc. Etudes Scient. Angers, 1880, p. 86 (subgenus); Merriam, Proc. Biol. Soc. Wash., 1897, p. 189 (bonum genus et Recognitio).

3199. **asiaticus**, Gmelin — (*2405, 2405*); Allen, Bull. Amer. Mus., 1903, p. 137. — Europa et Asia Sept., Siberia, à Mare Albo ad Kamtschatka (Gichica), I. Sakhalin, Japon Sept., I. Kurilas et ?China Sept.
*striatus*, Schreber (nec L.) et Pallas.
»*striatus asiaticus*, Gmelin.«

†*striatus foss.*, Brandt-Woldr., 1887. — †Pleistoc. Altaï.

3200. **orientalis**. Bonhote, Ann. Nat. Hist., 1899, IV, p. 385. — Siberia Or., ad fl. Amour Sup. (Ussuri et Sungatscha).

3201. †**laevidens**. Cope — (*2425*). — †Pleistocaen. Virginia.

3202. **dorsalis**, Baird — (*2402*); Elliot, Field Columb. Mus., II, 1901, p. 68, f. 16. — New-Mexico (Fort Webster), et ab Utah Sept. ad Mexico, M$^{s}$ Sierra Nevada, Mimbres.

a. — **utahensis**, Merriam — (*2402b*); Elliot, l. c., 1901, p. 69. — Utah Sept. (Ogden), Nevada Sept.-Occ., Arizona, ad New-Mexico.

3203. **palmeri**, Merriam — (*2402B*); Elliot, l. c., 1901, p. 69. — Nevada, (Charleston Peak).

3204. **townsendi**, Bachman — (*2406*); Elliot, l. c., 1901, p. 69. — Oregon Occ., Washington, Columbia Brit. (ad ostia fl. Columbia), M^s^ Cascade Sept., (Lac. Chelan).

a. — **hindsi**, Gray (*2406a*); Elliot, l. c., 1901, p. 70; bona sp., apud Merriam, Proc. Biol. Soc. Wash., 1897, p. 207. — California (Nicasio), usque ad San Francisco.

b. — **pricei**, Allen — (*2407*); Elliot, l. c., 1901, p. 70. — California Occid., (Portola, San Mateo Co.), à M^s^ San Diego, San Bernardino Co., ad San Francisco.

c. — **ochrogenys**, Merriam — (*2406b*); Elliot, l. c., 1901, p. 71. — California (Mendocino), et ab Oregon (fl. Rogue) ad Cazadero (San Francisco Bay Sept.).

3205. **merriami**, Allen — (*2403*); Elliot, l. c., 1901, p. 71. — California Merid. (M^s^ San Bernardino), et à Monterey et Tulare Cos., ad San Diego Co.

3206. **quadrimaculatus**, Gray — (*2412*); Elliot, l. c., 1901, p. 71.
*macrorhabdotes*, Merriam — (*2408*). — California Centrali (Vallo Sacramento, Michigan Bluff), Sierra Nevada, Placer Co., ad Oregon (Fort Klamath).

3207. **senex**, Allen — (*2413*); Elliot, l. c., 1901, p. 72. — California (Placer Co.), M^s^ Cascade, ab Oregon (fl. Des Chutes) ad fl. Merced (National Park).

3208. **speciosus**, Allen — (*2414*); Elliot, l. c., 1901, p. 72. — California (M^s^ San Bernardino et S. Jacinto).

3209. **callipeplus**, Merriam — (*2410*); Elliot, l. c., 1901, p. 73. — California, Ventura Co., (M^s Pinos et fl. Yule super.), usque ad Vallo Yosemite.

a. — **inyoensis**, Merriam — (*2414b*); Elliot, l. c., 1901, p. 73. — Inyo Co. (M^s White et Inyo).

3210. **frater**, Allen — (*2415*); Elliot, l. c., 1901, p. 73. — California (Placer Co., Sierra Nevada), usque ad Lac. Tahoe.

3211. **panamintinus**, Merriam — (*2409*); Elliot, l. c., 1901, p. 74. — California (M^s Panamint, Johnson Cañon), Great Basin Occ. et Nevada.

3212. **amoenus**, Allen — (*2416*); Elliot, l. c., 1901, p. 74. — Oregon (Fort Klamath), ad Placer Co. et Nevada Occ. usque ad Lac. Tahoe.

3213. **caurinus**, Merriam, Proc. Acad. Philad., 1898, p. 352; Elliot, l. c., 1901, p. 74. — Washington (M^s Olympics, Solduck Trail).

3214. **cinereicollis**, Allen — (*2418*); Elliot, l. c., 1901, p. 75. — Arizona (M^s San Francisco et Mogollon).

a. — **canipes**, Bailey, Proc. Biol. Soc. Wash., 1902, p. 117. — Texas (M^s Guadalupe, 2330 m).

3215. **umbrinus**, Allen — (*2419*); Elliot, l. c., 1901, p. 75. — Utah Sept. et Centrali (M^s Wasatch et Uintah), usque ad Fort Bridger.

3216. **quadrivittatus**, Say — (*2420*); Elliot, l. c., 1901, p. 75. — M^tes Rupestres, Colorado, Wyoming, Yellowstone Park, ad fontes fl. Arkansas et Platte.

a. — **gracilis**, Allen — (*2420a*); Elliot, l. c., 1901, p. 76. — New-Mexico (San Pedro), Arizona (Apache Co.).

b. — **luteiventris**, Allen — (*2420b*); Elliot, l. c., 1901, p. 76. — Montana (Chief Mountain Lake), Helena, usque ad Canada.

c. — **felix**, Rhoads — (*2420d*); Elliot, l. c., 1901, p. 76. — Columbia Brit. (M$^{s}$ Baker Range, WestminsterDistrict).

d. — **affinis**, Allen — (*2420e*); Elliot, l. c., 1901, p. 77. — Columbia Brit. (Ashcroft), in Orient. Montium Cascade.

e. — **borealis**, Allen — (*2420f*); Elliot, l. c., 1901, p. 77. — Canada (Fort Liard), ab Hudson Bay ad M$^{tes}$ Rupestres, Dakota, Montana.

f. — **neglectus**, Allen — (*2420e*); Elliot, l. c., 1901, p. 78. — Minnesota Sept-Or. (Lac. Superior Or.), Wisconsin et Michigan Sept.

3217. **canicaudatus**, Merriam, Proc. Biol. Soc., 1903, p. 77. — Washington (Spokane), Idaho Sept.

3218. **caniceps**, Osgood, N.-Amer. Fauna, No. 19, 1900, p. 28; Allen, Bull. Amer. Mus., 1903, p. 533. — Canada Sept.-Occ. (Lac. Lebarge), Alaska, M$^{s}$ Level.

3219. **minimus**, Bachman — (*2421*); Elliot, l. c., 1901, p. 78. — Dakota, Montana et Wyoming Merid.-Occ. (ad fl. Green) in Bad Lands.

a. — **consobrinus**, Allen — (*2421a*); Elliot, l. c., 1901, p. 78. — Utah Or. (Wasatch Hills prope Salt Lake), Colorado Occ. et Merid., New-Mexico Sept.-Occ.

b. — **melanurus**, Merriam — (*2421b*); Elliot, l. c., 1901, p. 79. — Idaho (Blackfoot).

c. — **pictus**, Allen — (*2421c*); Elliot, l. c., 1901, p. 79; bona sp., apud Merriam, Proc. Biol. Soc. Wash., 1897, p. 185. — Utah Merid. (Kelton), Great Salt Lake Occid., Nevada Merid., ad Washington, Snake Plains.

d. — **alpinus**, Merriam — (*2411*); Elliot, l. c., 1901, p. 79. — California (in altas Sierras, Big Cottonwood Meadow), M$^{s}$ Whitney merid.

3220. **oreocetes**, Merriam — (*2411$^{B}$*); Elliot, l. c., 1901, p. 80. — Montana (M$^{s}$ Teton).

3221. **obscurus**, Allen — (*2404*). Mexico, California infer., (M$^s$ San Pedro).

3222. **bulleri**, Allen — (*2417*). Mexico, Sierra del Valparaiso (Zatecas).

3223. **durangoae**, Allen, Bull. Amer. Mus., 1903, p. 594. Mexico (Durango Sept.-Occid.).

## 579. **Tamias**, Illiger, 1811.

*Sciurus*, p., Auct.; *Tenotis*, Rafin., 1817.
Illiger, Prodrom. System. Mamm., 1811, p. 83.

3224. **striatus**, L. — (*2422*); Elliot, Field Columb. Mus., II, 1901, p. 80. America Sept.-Or., à New-York merid. (Virginia) ad Georgiam.

**a.** — **lysteri**, Richardson (*2422a*); Elliot, l. c., 1901, p. 80. Canada, Ontario, ad New-York Sept. et Michigan.

**b.** — **griseus**, Mearns — (*2422b*); Elliot, l. c., 1901, p. 81. Vallo Mississipi Super. (Fort Snelling, Minnesota), ad Great Lakes.

**c.** — **venustus**, Bangs — (*2422c*); Elliot, l. c., 1901, p. 81. Indian Territory (Stillwell).

## 580. **Citellus**, Oken, 1816.

*Spermophilus*, F. Cuv., 1822; *Anisonyx*, Rafin., 1817; *Sciurus*, *Arctomys* et *Tamias*, p., Auct.; *Citillus*, Licht., 1830.
Oken, Lehrb. Naturg., III, Zool., 2, 1816, p. X et 842.

### A. **Callospermophilus**, Merriam, 1887.

*Tamias*, p., Trt., 1897.
Merriam, Proc. Biol. Soc. Wash., 1897, p. 189 (nota); North-Am. Fauna, No. 16, 1899, p. 90 (bonum genus).

3225. **lateralis**, Say (*2424*); Merriam, Proc. Biol. Soc. Wash., 1897, p. 189; N.-Am. Fauna, 16, 1899, p. 90; Elliot, Field Columb. Mus., II, 1901, p. 83, f. 17. Colorado (ad fl. Arkansas, urbi Canon). Utah (M$^s$ Uintah), Arizona (M$^s$ White et S. Francisco).

**a.** — **saturatus**, Rhoads — (*2424a*); Elliot, l. c., 1901, p. 83. Washington Centrali. Kittitas Co., Lac. Kichelos.

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| 3226. **cinerascens**, Merriam — (*2426*); Elliot, l. c., 1901, p. 83. | Montana (Helena), Idaho et Alberta. |
| 3227. **castanurus**, Merriam — (*2427*); Elliot, l. c., 1901, p. 84. | Utah, M$^s$ Wasatch, (urbi Park). |
| 3228. **chrysodeirus**, Merriam — (*2428*); Proc. Biol. Soc. Wash., 1901, p. 126; Elliot, l. c., 1901, p. 84; Merriam, N.-Am. Fauna, 1899, No. 16, p. 90. | Oregon (Fort Klamath), California Sept., M$^s$ Shasta, Nevada Occid. |
| **a.** — **bernardinus**, Nelson, Science, 1898, p. 782. | California Merid., (San Bernardino). |
| *brecicaudus*, Merriam — (*2428a*), nec »*brevicauda*«, Brandt, 1844. | » |
| **b.** — **trinitatis**, Merriam, Proc. Biol. Soc. Wash., 1901, p. 126. | California (M$^s$ Trinity 1900 m). |
| 3229. **madrensis**, Merriam, Proc. Wash. Acad., 1901, p. 563. | Mexico. |
| 3230. **wortmanni**, Allen — (*2425*); Elliot, l. c., 1901, p. 84. | Wyoming (Kinney Ranch, Bitter Creek). |

B. **Ammospermophilus**, Merriam, 1892.

*Tamias*, p., Auct. Vet.
Merriam, Proc. Biol. Soc. Wash., 1892, p. 27.

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| 3231. **harrisi**, Audub. et Bachm. — (*2429*); Elliot, l. c., 1901, p. 85. | Utah Merid., Nevada, California Sept., Arizona et New-Mexico Sept.-Occ. |
| **a.** — **saxicolus**, Mearns — (*2429a*); Elliot, l. c., 1901, p. 86. | Arizona Merid.-Occ., (M$^s$ Gila, Yuma Co., Tinajas Altas), ad Sonora. |
| 3232. **leucurus**, Merriam — (*2431*); Elliot, l. c., 1901, p. 86 et 85, f. 18. | California (San Gorgonio Pass), Utah, Arizona, New-Mexico. |
| **a.** — **cinnamomeus**, Merriam — (*2431a*); Elliot, l. c., 1901, p. 86. | Arizona (Painted Desert), Colorado, Utah. |
| **b.** — **peninsulae**, Allen — (*2431b*). | California infer., (San Telmo). |
| 3233. **interpres**, Merriam — (*2430*); Elliot, l. c., 1901, p. 86. | Texas Sept.-Occ. (El Paso). |
| 3234. **nelsoni**, Merriam — (*2432*); Elliot, l. c., 1901, p. 87. | California Centrali (Vallo San Joachim, Tipton). |

C. **Otospermophilus**, Brandt, 1844; Allen, 1877.

*Sciurus*, p., Say, 1823.
Brandt, Bull. Acad. St Petersbourg, 1844, II, p. 379—380.

3235. **grammurus**, Say — (*2433*); Elliot, Field Columb. Mus., II, 1901, p. 88, et p. 87, f. 19. — Colorado (Central Parks, Purgatory Creek), usque ad Mexico.

a. — **douglasi**, Richardson — (*2433a*); Elliot, l. c., 1901, p. 89. — Oregon Occ. (ad fl. Columbia, Fort Klamath), California Sept.

b. — **beecheyi**, Richards. — (*2433b*); Elliot, l. c., 1901, p. 88. — California Sept. (San Francisco *vel* Monterey), Sierra Nevada Occ.

c. — **atricapillus**, Bryant — (*2433c*). — California merid.

d. — **macrurus**, Bennet — (*2433d*). — Mexico (Jalisco, Tamaulipas, Guadalajuara, etc.).

e. — **fisheri**, Merriam — (*2433e*); Elliot, l. c., 1901, p. 88. — California Centrali et Merid., Nevada Occ. (Vallo Kern).

f. — **buckleyi**, Slack — (*2433f*); Elliot, l. c., 1901, p. 89. — Texas Centrali, Llano Co., (M$^{s}$ Pack-Saddle).

g. — **rupestris**, Allen, Bull. Amer. Mus., 1903, p. 595. — Mexico (Durango Sept.-Occ.).

h. — **utah**, Merriam, Proc. Biol. Soc. Wash., 1903, p. 77. — Utah (ad pedes M$^{tium}$ Wasatch, prope Ogden).

3236. **annulatus**, Audub. et Bachm. — (*2434*). — MexicoOccid. (Colima, Tapie, San Blas).

a. — **goldmani**, Merriam, Proc. Biol. Soc. Wash., 1902, p. 69. — Mexico.

3237. **adocetus**, Merriam, Proc. Biol. Soc. Wash., 1903, p. 79. — Mexico, Michoacan (La Salada).

D. **Colobotis**, Brandt, 1844; Allen, 1877.

*Arctomys*, Pall., 1778; *Anisonyx*, Rafin., 1817.
Brandt, Bull. Ac. Sc. St Petersb., II, 1844, p. 365—366.

3238. **fulvus**, Lichtenstein — (*2459*). — Europa Or., Rossia Merid., in merid. M$^{tium}$ Oural, Transcaspia.

†*fulvus foss.*, Nehring — (*2459*). — †Pleistocaen. Europa Media.

3239. **concolor**, Is. Geoffroy (nec Temm.) — (*2460*). — Persia Sept.-Occ.
*persicus*, Lesson.

3240. **rufescens**, Keys. et Blas. — (*2458*). — Rossia Merid. et Or., (à Kazan ad Orembourg).

†*rufescens foss.*, Blasius — (*2458*). — †Pleist. Europa Media, Germania.
*altaïcus* et *eversmanni foss.*, Nehring.

3241. **musicus**, Ménétriès — (*2461*); Satunin, Mitth. Kauk. Mus., 1901, p. 31, 111. — M$^{s}$ Caucasus, Georgia Daghestan (Elbruz, in montibus).

3242. **bactrianus**, Scully — (*2462*). — Turkestan Merid. et Afghanistan Sept.

3243. ?**xanthroprymnus**, Bennet, P. Z. S., 1835, p. 90. — Transcaucasia (Erzeroum).

3244. **erythrogenys**, Brandt — (*2463*). — Asia Centrali (M$^{s}$ Altaï et Tjan-schan).

3245. **pallidicauda**, Satunin, Ann. Mus. Zool. Petersb., VII, 1902, p. 551. — Gobi-Altaï (ad Lac. Chulmu-Noor. 2260 m).

3246. †**erythrogenoïdes**, Falconer — (*2457*); Newton, Quart. Journ. Geol. Soc., 1899, p. 422, pl. 28, f. 7—10. — †Pleistocaen. I. Britannia.

3247. **alaschanicus**, Büchner — (*2464*). — M$^{s}$ Alaschan Merid. (Asia Centrali).

3248. **mugosaricus**, Lichtenstein — (*2465*). — Turkestan (M$^{s}$ Mugosori, ad Mare Caspi, Lac. Aral, Sarepta).

3249. **brevicaudus**, Brandt — (*2466*). — Transcaspia et Asia Centrali, ab Altaï Merid. ad Mongoliam.

**a. — intermedius**, Brandt — (*2466 a*). — Asia Centrali-Sept.

3250. **eversmanni**, Brandt — (*2436*). — Siberia merid. et orient., à M$^{bus}$ Altaï ad Reg. Amour.

†*eversmanni foss.*, Nehring — (*2436, 2436 b*). — †Pleistocaen. Europa (Germania).

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| 3251. **parryi**, Richardson — (*2435*); Allen, Bull. Amer. Mus., 1903, p. 141 (nota); Preble, N.-Amer. Fauna, No. 22, p. 46. | America Arctica et Sept., à Peninsula Melville, Canada (fl. Mackensie), ad Mare Behring et fl. Yukon. |
| *empetra*, p., Pallas — (*2435*); Elliot, Field Columb. Mus., II. 1901, p. 89. | |
| *phaeognathus*, Richards. — (*2435b*). | (*Nec* Asia Sept.). |
| **a.** — **kadiacensis**, Allen — (*2435a*); Elliot, l. c., 1901, p. 90, f. 20. | Alaska (I. Kadiak). |
| **b.** — **plesius**, Osgood, N.-Amer. Fauna, No. 19, 1900, p. 29. | Alaska, Columbia Brit. (Lac Bennet). |
| **c.** — **erythroglutaeus**, Richardson — (*2435c*, part.); Allen, Bull. Amer. Mus., 1903, p. 534. | Montes Rupestres?, Alaska (Telegraph Village). |
| *columbianus*, p., Elliot, l. c., 1901, p. 91. | » |
| 3252. **buxtoni**, Allen, Bull. Amer. Mus., 1903, p. 139. | Siberia Sept.-Or., ad Mare Okhotsk, (Gichiga). |
| 3253. **stejnegeri**, Allen, l. c., 1903, p. 142. | Kamtschatka. |
| *brunneiceps*, Kittlitz, 1858 (nom. nud.). | » |
| *parryi*, Brandt (nec Richards.), 1844. | » |
| 3254. **beringensis**, Merriam, Proc. Wash. Acad., 1900, p. 20; Elliot, l. c., 1901, p. 91. | Alaska (Cape Lisbourne). |
| 3255. **osgoodi**, Merriam, l. c., 1900, p. 18; Elliot, l. c., 1901, p. 91. | Alaska (Fort Yukon). |
| 3256. **barrowensis**, Merriam, l. c., 1900, p. 19; Elliot, l. c., 1901, p. 91. | Alaska (Point Barrow). |
| 3257. **stonei**, Allen, Bull. Amer. Mus., 1903, p. 537. | Alaska (Wrangel). |
| 3258. **columbianus**, Ord (in Guthrie) — (*2435c*); Allen, l. c., 1903, p. 537; Elliot, l. c., 1903, p. 91. | Columbia Britann., Terr. Washington, Idaho, Montana. |
| **a.** — **albertae**, Allen, l. c., 1903, p. 537 (nota). | Canada (Reg. Alberta). |
| 3259. **richardsoni**, Sabine — (*2437*); Elliot, l. c., 1901, p. 92. | America Arctica (Carlton House ad fl. Saskatchewan) ad M^tes^ Rupestres Occ., Montana, Dakota (Aberdeen). |
| 3260. **townsendi**, Bachman — (*2438*, excl. syn.: »*mollis*«); Elliot, l. c., 1901, p. 92. | Ad Campos fl. Columbia (ostia fl. Walla Walla), Nebraska, et à Wyoming ad Oregon. |

3261. **mollis**, Kennicott — (*2438B*); Elliot, l. c., 1901, p. 92. — Utah (Camp Floyd), Nevada.

**a.** — **stephensi**, Merriam — (*2438Bb*); Elliot, l. c., 1901, p. 93. — Nevada (Queen Station, Owens Valley, 2000 m).

**b.** — **yakimensis**, Merriam — (*2438Bc*); Elliot, l. c., 1901, p. 93. — Washington Orient., (Yakima Co., Mabton).

**c.** — **canus**, Merriam — (*2438Bd*); Elliot, l. c., 1901, p. 93. — Oregon Sept. (Wasco Co., Antelope).

3262. **armatus**, Kennicott — (*2440*); Elliot, l. c., 1901, p. 93. — Utah (Fort Bridger), Wyoming, Idaho, Montana.

3263. **elegans**, Kennicott — (*2439*); Elliot, l. c., 1901, p. 94. — Utah (Fort Bridger), Wyoming.

3264. **beldingi**, Merriam — (*2441*); Elliot, l. c., 1901, p. 94. — California (Donner).

3265. **oregonus**, Merriam — (*2441B*); Elliot, l. c., 1901, p. 94. — Oregon, Klamath (Vallo Swan Lake).

3266. **perotensis**, Merriam — (*2442*). — Mexico.

E. **Citellus**, p. d.

*Spermophilus*, Auct., et Trt., Catal., 1897 (partim).

3267. **citillus**, L. — (*2454*). — Europa Merid.-Or., à Germania ad Rossiam merid.

† *citillus foss.*, Nehring (*2454*, †*2454*). — † Pleist. Germania.

**a.** — **flavescens**, Pallas — (*2454a*). — Europa Merid-Or.

3268. **guttatus**, Pallas — (*2455*). — Rossia Merid., ad fl. Tanais et in ripa merid. fl. Volga.

† *guttatus foss.*, Nehring (*2455b*, *2455 App.*). — † Pleistoc. Germania.

**a.** — **leucostictus**, Brandt — (*2455a*). — Siberia Occid., usque ad fl. Lena.

**b.** — †? **richardsoni foss.**, Quenstedt — (*2455c*). — † Pleistoc. Wurtemberg.

3269. † **superciliosus**, Kaup — (*2456*, *2456*); Laville et Rollain, Bull. Soc. Anthrop., 1902, p. 60. — † Pleistocaen. Europa Media, Gallia, Germania.

**a.** — ? **sp.**, Nehring — (*2456a*). — † Gallia Merid. (Gironde).

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| 3270. **dauricus**, Brandt — (*2467*). | Siberia merid., Daouria, Mongolia, Tarei-Nor. |
| 3271. **mongolicus**, A. M.-Edwards — (*2468*). | Mongolia Or., et China Sept. (Pekin), M$^{tes}$ Alaschan. |
| 3272. **obscurus**, Büchner — (*2469*). | Gansù (prope fl. Tschagryn-gol, 3000 m). |

F. **Spermophilopsis**, Blasius, 1884.

Blasius, Tageblatt LVII$^{ten}$ Versamml. Deutsch. Naturf. in Magdebourg, 1884, p. 324.

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| 3273. **leptodactylus**, Lichtenstein — (*2470*). | Turkestan, Reg. Kirghis, Transcaspia (Alaka) |

G. **Xerospermophilus**, Merriam, 1892.

Merriam, Proc. Biol. Soc. Wash., 1892, p. 27.

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| 3274. **obsoletus**, Kennicott — (*2443*); Elliot, l. c., 1901, p. 95. | Nebraska, Dakota Merid., (Black Hills) usque ad Utah. |
| 3275. **spilosoma**, Bennet — (*2444*); Elliot, l. c., 1901, p. 96. | California, New Mexico (Fort Stanton), Texas (El Paso), Mexico. |
| a. — **microspilotus**, Merriam — (*2444a*); Elliot, l. c., 1901, p. 96. | Arizona Merid., Pinal Co., (Oracle). |
| b. — **major**, Merriam — (*2444b*); Elliot, l. c., 1901, p. 96. | New Mexico Orient., (Albuquerque). |
| c. — **pratensis**, Merriam — (*2444c*); Elliot, l. c., 1901, p. 96. | Arizona Sept.-Occid., (M$^{s}$ San Francisco). |
| d. — **obsidianus**, Merriam — (*2444d*); Elliot, l. c., 1901, p. 97. | Arizona Sept.-Occ., M$^{s}$ San Francisco (Cedar Belt). |
| e. — **annectans**, Merriam — (*2444e*); Elliot, l. c., 1901, p. 97. | Texas (I. Padre et Mustang). |
| f. — **marginatus**, Bailey, Proc. Biol. Soc. Wash., 1902, p. 118. | Texas Occid., (Alpine). |
| g. — **arens**, Bailey, l. c., 1902, p. 118. | Texas Occ. (El Paso, Casas Grandes, Chihuahua). |

3276. **cryptospilotus**, Merriam — (*2445*); Elliot, l. c., 1901, p. 97. — Arizona, Painted Desert. (Tenebito Wash.).

3277. **canescens**, Merriam — (*2446*); Elliot, l. c., 1901, p. 97. — Arizona Merid.-Or., (Cochise Co., Wilcox).

3278. **mohavensis**, Merriam — (*2448*); Elliot, l. c., 1901, p. 98. — California (ad fl. Mojave, Mojave Desert).

3279. **tereticaudus**, Baird — (*2449*); Elliot, l. c., 1901, p. 98. — California Centrali (Fort Yuma), Arizona Merid., Tucson plain.

**a.** — **sonoriensis**, Ward — (*2447, 2447, 2449 b*). — Mexico, Sonora (Hermosillo).

3280. **neglectus**, Merriam — (*2450*); Elliot, l. c., 1901, p. 98. — Arizona (Dolan's Springs).

3281. **mexicanus**, Lichtenstein — (*2451*); Elliot, l. c., 1901, p. 98. — Mexico (Toluca), Texas, Rio Grande, New-Mexico.

**a.** — **parvidens**, Mearns — (*2451 a*); Elliot, l. c., 1901, p. 99. — Texas Merid.-Occ., Kinney Co. (Fort Clark).

## H. **Ictidomys**, Allen, 1877.

Allen, Monogr. N.-Amer. Rodentia, 1877, p. 821.

3282. **tridecimlineatus**, Mitchell — (*2452*); Elliot, Field Columb. Mus., II, 1901, p. 100, fig. 22, p. 99. — Mississipi Super, (MinnesotaCentrali?), et à Canada (Saskatchewan) ad Michigan, Montana, Colorado, Reg. Prairie ab Ohio ad Minnesota.

**a.** — **pallidus**, Allen — (*2452 a*); Elliot, l. c., 1901, p. 100. — Wyoming ad Texas et Missouri (ad fl. Yellowstone infer.).

**b.** — **olivaceus**, Allen — (*2452 b*); Elliot, l. c., 1901, p. 100. — Dakota Merid., Black Hills (Custer).

**c.** — **parvus**, Allen — (*2452 c*); Elliot, l. c., 1901, p. 100. — Utah (Uncompahyre Indian Reservation), Wyoming.

**d.** — **alleni**, Merriam — (*2452 bb*); Elliot, l. c., 1901, p. 101. — Wyoming (M$^s$ Bighorn).

e. — **texensis**, Merriam — (*2452d*); Elliot, l. c., 1901, p. 101. — Texas Sept., Cook Co. (Gainsville), Territ. Oklahoma.

f. — **badius**, Bangs, N.-Engl. Zool. Club, 1899, p. 1; Elliot, l. c., 1901, p. 101. — Missouri (Statesbury).

3283. **franklini**, Sabine — (*2453*); Elliot, l. c., 1901, p. 101. — Canada (Manitoba Saskatchewan, Carlton House), ad Red River, Mississipi, Dakota, Kansas, usque ad Indiana Occ.

## 581. **Cynomys**, Rafin., 1817.

*Arctomys* et *Spermophilus*, p., Auct.; *Lipura*, Illig., 1811.
Rafinesque, Amer. Monthl. Mag., II, 1817, p. 45.

3284. **socialis**, Rafinesque, l. c., 1817, p. 45 — (*2472*).
*ludovicianus*, Ord — (*2472*); Elliot, Field Columb. Mus., II, 1901, p. 102, 103, f. 23. — Texas Occ. (ad campos Missouri Super.), Kansas Occ., usque ad pedes Or. M^tium^ Rupestrum.

3285. **gunnisoni**, Baird — (*2473*); Elliot, l. c., 1901, p. 103. — New Mexico, Arizona (M^tes^ Rup., Cooachetope Pass).

3286. **lewisi**, Audub. et Bachm., Quadr. N.-Amer., III, 1853, p. 32, pl. 107.
*leucurus*, Merriam — (*2474*). — Wyoming, Utah (Uncompahyre Indian Reservation).

3287. **arizonensis**, Mearns — (*2475*); Elliot, l. c., 1901, p. 104. — Arizona Merid., (Point of Mountain prope Wilcox).

3288. **mexicanus**, Merriam — (*2476*). — Mexico.

## 582. † **Plesiospermophilus**, Filhol, 1882.

Filhol, Bull. Soc. Philom., VII, 1882—1883, p. 99.

3289. † **angustidens**, Filhol — (*2471*). — †Oligocaen. Gallia Merid.

## 583. † **Plesiarctomys**, Bravard, 1850.

*Sciurus*, p., Pomel.
Bravard, Note sur les Oss. Foss. de la Débruge, 1850, p. 5.

3290. † **gervaisi**, Bravard — (*2477*). — †Eocaen. Gallia Merid.

3291. † **schlosseri**, Rütimeyer — (*2478*). † Eocaen. Helvetia.

3292. † **sp.**, Lemoine — (*2479*). † Eocaen. Gallia Orient.

## 584. **Marmota**, Frisch, 1775.

*Mus*, p., L.; *Arctomys*, Schreber, 1792 et Auct.
Frisch, Natur-System. Vierfüss. Thiere, 1775, tab. 9.

3293. **marmotta**, L. — (*2480*). Europa Merid. (in montibus), M^s^ Alpes, Pyreneae, Karpathes

† *primigenia*, Kaup — (*2480*). † Pleistocaen. Europa Media.

3294. **bobac**, Pallas — (*2481*). Europa Orient. et Asia, à Polonia ad Reg. Amour.

† *bobac foss.*, Nehring (*2481, 2481*). † Pleistocaen. Europa et Asia Sept.

3295. **baïbacina**, Brandt — (*2481 part.*); Kascenko, Ann. Mus. S^t^ Petersb., 1901, p. 618, 619. Siberia.

3296. **sibirica**, Radde, Reis. Ost-Sibirien, I, 1862, p. 158 — (*2481a*); Kascenko, Annuaire Musée Acad. S^t^ Petersb., VI, 1901, p. 616. Siberia Merid., M^s^ Altaï, Mongolia Occid.

3297. **bungei**, Kascenko, l. c., 1901, p. 615, 616. Siberia.

3298. **dichrous**, Anderson — (*2482*). Afghanistan, Thian-Shan.

3299. **himalayanus**, Hodgson — (*2483*); De Winton, P. Z. S., 1899, p. 575. Asia Centrali, Himalaya Sept., Thibet, Tarim, Sechuen, Moupin, Tengri-Nor, Gansu.

*robustus*, A. M.-Edwards — (*2484*).

3300. **hodgsoni**, Blanford — (*2485*). Himalaya, Nipal, Sikkim, Darjiling.

3301. **caudatus**, Is. Geoffroy — (*2486*). Kashmir Occid., Ladak (4000 m), Siberia, Altaï Sept.

3302. **aureus**, Blanford — (*2487*). Pamir (4350 m), Yarkand.

3303. **camtschatica**, Brandt — (*2488*); Kascenko, l. c., 1901, p. 617, 619. Siberia Orient., Kamtschatka.

3304. **cliftoni**, Thomas, Ann. Nat. Hist., 1902, IX, p. 444. Siberia Sept.-Or., Yakutsch (M^tes^ ad Lenam Or.).

3305. **pruinosus**, Gmelin — (*2489*); Elliot, Field Columb. Mus., II, 1901, p. 106. America Arctica, Alaska, Canada (Hudson Bay), ad fl. Columbia, Washington, Oregon, Lac. Athabasca.
*caligata*, Eschscholtz — (*2489*); Allen, Bull. Amer. Mus., 1903, p. 539.

3306. **monax**, L. — (*2490*); Elliot, l. c., 1901, p. 105, f. 24. United States (Maryland), et à New York ad Georgiam, et Dakota.
*empetra*, p., Pallas.

†*monax foss.*, Leidy. † Pleistoc. Virginia.

**a.** — **ignavus**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 13; Elliot, l. c., 1901, p. 105. Labrador (Black Bay).

**b.** — **canadensis**, Erxleben — (*2490 part.*); Elliot, l. c., 1901, p. 106. Canada (Quebec), à Newfoundland ad Mare Behring, Minnesota Sept.-Or.
*melanopus*, Kuhl, 1820.

3307. †**vetus**, Marsh — (*2491*). † Pliocaen. Nebraska Sept.

3308. **flaviventer**, Audub. et Bachm. — (*2492*); Elliot, l. c., 1901, p. 106. Montes inter Texas et California, New Mexico, Arizona.

**a.** — **avarus**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 68. Columbia Britann., (Okanagan).

3309. **dacota**, Merriam — (*2493*); Elliot, l. c., 1901, p. 106. Dakota Merid., (Black Hills).

3310. **olympus**, Merriam, Proc. Acad. Philad., 1898, p. 352; Elliot, l. c., 1901, p. 107. Washington M$^{s}$ Olympic (Solduc Trail).

## Subfam. 3. **Nannosciurinae.**

585. **Nannosciurus**, Trt., 1880 (subg.); Fors.-Major, 1893 (genus).

*Sciurus*, p., Auct. Vet.
Trouessart, Le Naturaliste, 1880, p. 290; Forsyth Major, P. Z. S., 1893, p. 189—190.

3311. **exilis**, Müller et Schlegel — (*2494*). Malacca, Sumatra, Borneo.

3312. **concinnus**, Thomas — (*2495*). I. Philippinas (Isabella, Basilan).

3313. **samaricus**, Thomas — (*2495B*); Thomas, Trans. Zool. Soc. Lond., 1898, p. 389, pl. 30, f. 2. — I. Philippinas (Samar).

3314. **whiteheadi**, Thomas — (*2496*). — Borneo Sept. (M$^{s}$ Kina Balu).

3315. **melanotus**, Müller et Schlegel — (*2497*). — Sumatra, Banka, Java, Borneo.

3316. **pulcher**, Miller, Proc. Acad. Philad., 1902, p. 153. — I. Sinkep.

3317. **minutus**, Du Chaillu — (*2498*). — Africa Occid., Gabon (Kendo in montibus).

### Incertae Sedis.

586. †**Haplostropha**, Ameghino, 1891.

Ameghino, Revist. Argentina, I, 1891, p. 140.

3318. **scalabriniana**, Ameghino — (*2501*). — †Oligocaen. infer. Argentina.

## Familia IV. **Castoridae.**

587. **Castor**, L., 1766.

† *Palæomys*, p., Wagner; † *Trogontherium*, p., Auct.

Linné, Syst. Naturæ, 1766, I, p. 78.

3319. **fiber**, L. — (*2502*). — Europa et Asia Sept.-Occ., à Laponia ad Galliam Merid., et à Siberia ad Turkestan.

a. — †**prefiber**, Depéret; Boule, Anthrop., 1902, p. 11, f. 9. — †Pleistocaen. Europa et Asia Sept.

*fiber foss.*, Cuv. et Auct. — (*2502a*, *2502 App.*).

3320. †**plicidens**, F. Major — (*2503*). — †Pliocaen. Italia.

3321. †**rosinae**, F. Major — (*2504*). — †Pliocaen. Italia.

3322. †**ebeczkyi** (Krenner), Schlosser — (*2505*). — †Pliocaen. Ungaria.

3323. †**sp.**, Depéret — (*2506*). — †Pliocaen. Gallia Merid.

3324. †**neglectus**, Schlosser, Pal. Abhandl., 1902, p. 136. — †Pliocaen. Gallia Merid.

3325. **canadensis**, Kuhl — (*2507*); Elliot, Field Columb. Mus., II, 1901, p. 115, f. 27. *fiber*, p., Allen et Auct. Vet. — America Sept.-Or. (Hudson Bay), à Canada Sept. ad United States et M^s^ Cascade.

† *canadensis foss.*, Leidy. — † Pleistoc. United-States.

a. — **carolinensis**, Rhoads, Trans. Amer. Philos. Soc., 1898, p. 420; Elliot, l. c., 1901, p. 116. — Carolina Sept. (Dan River, Stokes Co.), Louisiana.

b. — **fondator**, Mearns — (*2507a*); Elliot, l. c., 1901, p. 116. — Mexico, Sonora (fl. San Pedro), Wyoming, Montana.

c. — **pacificus**, Rhoads, l. c., 1898, p. 422; Elliot, l. c., 1901, p. 117. — America Sept.-Occ., ab Alaska ad Californiam (Washington, Kittitass Co.).

## 588. † **Eucastor**, Leidy, 1858.

Leidy, Proc. Acad. Philad., 1858, p. 23.

3326. † **tortus**, Leidy — (*2508*); Matthew, Bull. Amer. Mus., 1902, p. 304, f. 11. — † Miocaen. Nebraska.

## 589. † **Trogontherium**, Fischer, 1809.

*Castor*, p., Cuv., 1812; *Diabroticus*, Pomel; *Conodontes*, Lartet.
Fischer, Mém. Soc. Natural. Moscou, II, 1809, p. 260—268.

3327. † **cuvieri**, Fischer — (*2511*); Newton, Geol. Mag., 1902, p. 385, f. 1—3. — † Pliocaen. Europa et Pleistoc. I. Britannia.

3328. † **minus**, Newton — (*2512*). — † Pliocaen. I. Britannia.

3329. † **sp.** *vel* **genus**, Lydekker — (*2513*). — † Pleistocaen. I. Britannia.

## 590. † **Steneofiber**, E. Geoff., 1833.

*Castor*, p., Auct.; *Chalicomys*, Kp., 1839; *Chelodus* et *Aulacodon*, Kp. 1839; *Castoromys*, Pomel, 1853; *Steneotherium*, E. Geoff.; *Chloromys*, Meyer; *Palæocastor*, Leidy, 1869.
Et. Geoffroy S^t^ Hilaire, Revue Encyclop., 1833, 59, p. 95; Consid. sur les Oss. foss. du bassin de l'Auvergne, 1833, p. 20.

3330. † **eseri**, v. Meyer — (*2514*). — † Miocaen. Europa, Gallia, Germania.

3331. † **jaegeri**, Kaup — (*2515*). † Miocaen. Germania, Gallia.

3332. † **minutus**, v. Meyer — (*2516*). † Miocaen. Germania, Gallia.

3333. † **minimus**, Filhol — (*2517*). † Miocaen. Gallia.

3334. † **sigmodus** (Croizet), Gervais — (*2518*). † Pliocaen. Gallia Merid.

3335. † **nebrascensis**, Leidy — (*2519*); Matthew, Bull. Amer. Mus., 1902, p. 301, fig. 5. † Miocaen. America Sept., Nebraska.

3336. † **peninsulatus**, Cope — (*2521*); Matthew, l. c., 1902, p. 302, f. 6. † Miocaen. Oregon.

3337. † **gradatus**, Cope — (*2520*); Matthew, l. c., 1902, p. 303, f. 7. † Miocaen. Oregon.

3338. † **pansus**, Cope — (*2522*); Matthew, l. c., 1902, p. 303. † Miocaen. Novo-Mexico.

3339. † **montanus**, Scott — (*2523*); Matthew, l. c., 1902, p. 303, f. 8. † Miocaen. Montana.

3340. † **hesperus**, Douglass, Trans. Amer. Philos. Soc., 1901, p. 11; Matthew, l. c., 1902, p. 304, f. 9. † Oligocaen. Montana.

3341. † **complexus**, Douglass, l. c., 1901, p. 13; Matthew, l. c., 1902, p. 304, f. 10. † Oligocaen. Montana.

3342. † **sp.. sp..** Matthew, l. c., 1902, p. 305, fig. 12 -14. † Miocaen. United-States.

### 591. † **Palaeomys,** Kaup, 1832.

Kaup, Isis, 1832, p. 992.

3343. † **castoroïdes**, Kaup — (*2524*). † Miocaen. Germania.

### 592. † **Sigmogomphius,** Merriam, 1896.

Merriam, Bull. Dept. Geol. Surv. Calif., 1896, p. 363.

3344. † **lecontei**, Merriam, l. c., 1896, p. 363—370, fig. 1 et 2. † Pliocaen. California.

## Incertae Sedis.

### 593. † **Bramus,** Pomel, 1892.

Pomel, C.-R. Acad. Sc., CXIV, 1892, p. 1159.

3345. † **barbarus**, Pomel — (*2525b*). † Pleistocaen. Tunisia.

## Familia V. **Aplodontidae.**

### 594. **Aplodontia,** Richards., 1829.

*Anisonyx*, Rafin., 1817 (nec Latreille, 1807); *Haplodon*, Wagler, 1831; *Arctomys*, p., Auct.; *Haplodontia*, Elliot.
Richardson, Zool. Journal, IV, 1829. p. 333, 335.

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| 3346. **rufa**, Rafinesque — (*2526*); Elliot, Field Columb. Mus., II, 1901, p. 112. | Washington Orient. (Cascades of Columbia Riv.), Oregon. |
| **a.** — **californica**, Peters — (*2526 Var.*); Elliot, l. c., 1901, p. 112, f. 26. | California. |
| **b.** — **raineri**, Merriam, Proc. Biol. Soc. Wash., 1899, p. 21; Elliot, l. c., 1901, p. 112. | Washington (Paradise Creek, M$^{s}$ Ranier). |
| 3347. **pacifica**, Merriam, l. c., 1899, p. 19; Elliot, l. c., 1901, p. 114. | Oregon (Newport, Yaquina Bay). |
| 3348. **phaea**, Merriam, l. c., 1899, p. 20; Elliot, l. c., 1901, p. 114. | California, Marin Co., (Point Reyes). |
| 3349. **olympica**, Merriam, l. c., 1899, p. 20; Elliot, l. c., 1901, p. 114. | Washington, M$^{s}$ Olympic, (Queniult Lake). |
| 3350. **major**, Merriam — (*2527*); Merriam, Proc. Biol. Soc. Wash., 1901, p. 126. | California Sept. (in montibus, 2330 m). |

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## Sectio II. **Rodentia Myomorpha.**

## Familia VI. **Myoxidae.**

*Gliridae*, Auctorum; *Muscardinidae*, Palmer.

### Subfam. 1. **Myoxinae.**

### 595. **Myoxus,** Zimmermann, 1780.

*Glis*, Auct. (nec L., nec Brisson).
Zimmermann, Geogr. Gesch. Mensch. u. Thiere, 1780, p. 351.

| | |
|---|---|
| 3351. † **parisiensis**, Cuvier — (*2550*). | † Eocaen. Gallia. |
| 3352. † **primaevus**, Schlosser — (*2551*). | † Eocaen. Gallia. |
| 3353. † **incertus**, Lartet — (*2552*). | Miocaen. Gallia. |

3354. **glis**, L. — (*2549*); Satunin, Mitth. kaukas. Mus., 1901, p. 33, 111. — Europa media, à Belgia, Gallia ad M^tem^ Caucasum.

†*priscus*, Schmerl.; *fossilis*, Nehring — (*2549, 2549*). — † Pleistocaen. Europa.

**a.** — **orientalis**, Nehring, Zool. Anz., 1903, p. 533; S.-B. Ges. Naturf. Berl., 1903, p. —. — Asia Minori (ad Scutari Sept.-Or., M^s^ Alem Dagh).

3355. **italicus**, Barret-Hamilton — (*2549^B^*). — Italia Sept. (Florentia, Sienna).

3356. **insularis**, Barret-Hamilton, Ann. Nat. Hist., 1899, III, p. 228. — I. Sicilia (Palermo, Monte Aspro).

3357. **nitedula**, Pallas — (*2553*); Satunin, l. c., 1901, p. 33, 111. — Europa Or., à Moravia ad Rossiam Merid., Lithuaniam, Caucasum Sept. (Sarepta).

*dryas*, Schreber; Nehring, Zool. Anz., 1903, p. 43, 45.

**a.** — **intermedius**, Nehring, S.-B. Ges. Naturf. Berl., 1902, p. 155; 1903, p. 45; Deuts. Landwirth. Presse, 1902, p. 781, fig. — Alpes Austriæ (Tyrol, Steiermark, Lienz, Leoben).

**b.** — **wingei**, Nehring, S.-B. Ges. Naturf. Berl., 1902, p. 5; 1903, p. 45. — Graecia (M^s^ Parnassus, Agoriani).

*dryas*, p., Winge, 1881. — »

**c.** — **pictus**, Blanford — (*2553 part.*); Nehring, l. c., 1903, p. 45; Satunin, l. c., 1901, p. 111. — Transcaucasia, Transcaspia, Asia Minor, Persia Sept., Palæstina (*nec?* Arabia).

3358. **elegans**, Temminck — (*2554*). — Japon, I. Sikok (Awa).

## 596. **Muscardinus**, Kaup, 1829.

†*Myoxus*, p., Auct.

Kaup, Entw.-Gesch. und Nat. Syst. Europ. Thierw., I, 1829, p. 134, 139.

3359. **avellanarius**, L. — (*2555*); Nehring, S.-B. Ges. Naturf. Berl., 1903, p. —; Barret-Hamilton, P. Z. S., 1900, p. 86. — Europa media à Gallia ad Rossiam Merid., Asia Minor (M^s^ Alem Dagh).

†— *fossilis*, Nehring (*2555 App.*). — † Pleist. Germania.

**a.** — **anglicus**, Barret-Hamilton, P. Z. S., 1900, p. 86. — I. Britannia.

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| **b.** — **speciosus**, Dehne, Allgem. Deuts. Naturh. Zeitung, p. 180; Barret-Hamilton, P. Z. S., 1900, p. 87. | Italia Merid. (Basilicata). |
| *?pulcher*, B.-Hamilton — (*2555$^{B}$*). | Italia Septent. (Sienna). |
| 3360. † **sansaniensis**, Lartet — (*2557* excl. synon.: »Schlosser«); F. Major, Geol. Mag., 1899, p. 492. | † Miocaen. Gallia Merid., Styria. |
| *zitteli*, Hofmann — (*2560*). | |

## 597. **Eliomys**, Wagner, 1843.

*Claviglis*, Jentink, 1888; *Graphiurus*, p., Auct.; † *Brachymys*, Meyer, 1847; *Bifa*, Lataste, 1885; † *Myoxus*, p., Schlosser.
Wagner, Abhandl. Bayer. Akad. Wiss. Münch., III, 1843, p. 175, 185.

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| 3361. † **hamadryas**, Major, Geol. Mag., 1899, p. 495. | † Miocaen. Germania (Steinheim) et Gallia (La Grive S$^{t}$ Alban). |
| *sansaniensis*, Schlosser (nec Lartet), — (*2557 part.*). | » |
| 3362. † **obtusangulus**, Meyer — (*2558*). | † Miocaen. Germania. |
| 3363. † **wetzleri**, Schlosser — (*2559*). | † Miocaen. Germania. |
| 3364. † **pomeli**, Trouessart — (*2561*). | † Miocaen. Gallia, Germania. |
| 3365. † **parvidens**, Meyer — (*2562*). | † Miocaen. Germania. |
| 3366. **quercinus**, L. — (*2556, 2556*); Thomas, P. Z. S., 1901, p. 41. | Europa media à Belgia, Gallia ad Rossiam Merid., I. Balearicae. |
| † — *fossilis*, Nehring — (*2556*). | † Pleist. Europa. |
| 3367. **munbianus**, Pomel — (*2556 part.*); Thomas, Ann. Nat. Hist., 1903, XI, p. 496; Thomas et Trt., Bull. Soc. Zool. France, 1903, p. 172. | Algeria, Marocco, (Oran). |
| **a.** — **lerotinus**, Lataste — (*2572*); Thomas et Trouessart, l. c., 1903, p. 172. | Algeria (Sahara), Marocco Merid. |
| **b.** — **tunetae**, Thomas, l. c., 1903, p. 495; Thomas et Trouessart, l. c., 1903, p. 172. | Tunisia Centrali et Algeria Orient. (Karouana, Bone). |
| 3368. **amori**, Graells — (*2556 b*); Thomas, P. Z. S., 1901, p. 41 (nota). | Hispania (Sevilla). |
| 3369. **gymnesicus**, Thomas, Ann. Nat. Hist., 1903, XI, p. 494. | I. Balearicae, Minorca, (San Cristobal). |

3370. **sardus**, Barret-Hamilton, Ann. Nat. Hist., 1901, VII, p. 340. — I. Sardinia (Tricoli, Cagliastra, Lanusei).

3371. **pallidus**, B.-Hamilton, Ann. Nat. Hist., 1899, III, p. 226. — I. Sicilia.

3372. **cincticauda**, Gerrit-Miller, Proc. Biol. Soc. Wash., 1901, p. 39. — Italia Merid.-Or.; (Napoli, Sorrento).

3373. **melanurus**, Wagner — (*2570*); Anderson et Winton, Zool. of Egypt, 1902, p. 251. — Palaestina, M$^{s}$ Sinaï.

## 598. **Graphiurus**, F. Cuv., 1829.

*Myoxus*, p., *Eliomys*, p., Reuvens et Auct.
»*Graphiure*«, F. Cuvier, Hist. Nat. Mamm., livr. LX, 1829, texto ad pl. 254.

3374. **hueti**, Rochebrune — (*2574, 2563 App., 2563*). — Africa Occid., à Liberia ad Gabon.

*natglasi*, Jentink — (*2563*). — »

3375. **crassicaudatus**, Jentink — (*2568*). — Liberia, Fernando-Po.

3376. **kelleni**, Reuvens — (*2564*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 189; Mamm. S.-Afr., II, 1901, p. 16. — Africa Merid.-Occid., (Damara).

3377. **angolensis**, De Winton — (*2569$^{B}$*). — Angola.

3378. **smithi**, Thomas — (*2565*). — Africa Centrali, Nyassa, Lac. Victoria-Nyanza.

3379. **johnstoni**, Thomas — (*2567$^{B}$*). — Africa Centrali, Nyassa (Zomba).

3380. **parvus**, True — (*2566*). — Africa Occid. (ad fl. Tana).

3381. **nanus**, De Winton — (*2567*); W. L. Sclater, l. c., 1899, p. 189; id., l. c., 1901, p. 15. — Reg. Mashona, (Mazoe), Col. Cap. (Salisbury).

3382. **murinus**, Desmarest — (*2569*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 187; Mamm. S.-Afr., II, 1901, p. 13, 14, fig. 85. — Africa transsahara ab Abyssinia ad Senegal, Congo, Angola, Colonia Cap., Zulu, Natal.

3383. **platyops**, Thomas — (*2575*); W. L. Sclater, l. c., 1899, p. 188; id., l. c., 1901, p. 14. — Africa Centrali (Mashona, Enkeldorn).

3384. **ocularis**, Smith — (*2573 syn.*); W. L. Sclater, l. c., 1899, p. 186; id., l. c., 1901, p. 12, et p. 11, fig. 84. — Africa Merid., Damara, Colonia Cap., Transvaal.

*capensis*, F. Cuvier — (*2573*).

3385. **orobinus**, Wagner — (*2571*); Anderson et Winton, Zool. of Egypt, 1902, p. 251. — Africa Sept.-Or., (Sennaar).

## Subfam. 2. Platacanthomyinae.

### 599. Platacanthomys, Blyth, 1859.

Blyth, Journ. As. Soc. Bengal, XXVIII, 1859, p. 288—289.

3386. **lasiurus**, Blyth — (*2576*). — India Merid., Malabar (Alipi), Travancore, Cochinchina.

### 600. Typhlomys, A. M.-Edw., 1877.

A. Milne-Edwards, Bull. Soc. Philom., XI, 1877, p. 9.

3387. **cinereus**, A. M.-Edwards — (*2577*); Thomas, P. Z. S., 1898, p. 772. — China, Fokien, Kuatun (1330 m).

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## Familia VIII. Muridae.

## Subfam. 1. Hydromyinae.

### 601. Hydromys, E. Geoff., 1805.

*Meriones*, p., Kuhl, 1820.
Et. Geoffroy S$^{t}$ Hilaire, Ann. du Mus., 1805, p. 88.

3388. **chrysogaster**, E. Geoffroy — (*2578*). — Australia Or., Victoria, New-South-Wales, I. Van Diemen.

**a.** — **leucogaster**, E. Geoff. — (*2578 a*). — New-South-Wales, Clarence, fl. Hunter.

3389. **fulvolavatus**, Gould — (*2579*). — Australia Merid., fl. Murray, Lac. Albert.

**a.** — **fuliginosus**, Gould — (*2579 a*). — Australia Merid.-Occ., Perth, fretum Regis George.

3390. **lutrilla**, Mac Leay — (*2580*). New-South-Wales, Elisabeth-Bay.

3391. **beccarii**, Peters — (*2581*). Nova Guinea Or., ad fl. Fly, I. Key.

602. **Leptomys,** Thomas, 1897.

Thomas, Ann. Mus. Genova, XVIII, 1897, p. 610.

3392. **elegans**, Thomas — (*2581$^{B}$*). Nova Guinea Orient.

603. **Xeromys,** Thomas, 1889.

Thomas, Proc. Zool. Soc. Lond., 1889, p. 247.

3393. **myoïdes**, Thomas — (*2582*). Australia Sept., Queensland.

604. **Celaenomys,** Thomas, 1898.

*Xeromys*, p., Thomas, 1889.
Thomas, Trans. Zool. Soc. Lond., XIV, 1898, p. 390.

3394. **silaceus**, Thomas — (*2583, 2583*). I. Philippinas, Luzon Sept. (Monte Data).

605. **Crunomys,** Thomas, 1898.

Thomas, Trans. Z. S., 1898, p. 393.

3395. **fallax**, Thomas — (*2583$^{B}$*). I. Philippinas, Luzon Sept., (Isabella).

606. **Chrotomys,** Thomas, 1895.

Thomas, Ann. Nat. Hist., 1895, XVI, p. 161.

3396. **whiteadi**, Thomas — (*2584*); Thomas, Trans. Z. S., 1898, p. 392, pl. 32. I. Philippinas, Luzon Sept.

Subfam. 2. **Rhynchomyinae.**

607. **Rhynchomys,** Thomas, 1895.

Thomas, Ann. Nat. Hist., 1895, XVI, p. 160.

3397. **soricoïdes**, Thomas — (*2585*); Thomas, l. c., 1898, p. 398, pl. 31, fig. 2. I. Philippinas, Luzon Sept.

## Subfam. 3. **Phlaeomyinae.**

### 608. **Phlaeomys,** Waterh., 1839.

Waterhouse, Proc. Zool. Soc. Lond., 1839, p. 108.

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| 3398. **cumingi**, Waterhouse — (*2586*). | I. Philippinas. |
| 3399. **pallidus**, Nehring — (*2586a*); Thomas, Trans. Z. S., 1898, p. 399. | I. Philippinas, Luzon Sept. |
| 3400. **albayensis**, Elera (nom. nud.) — (*2586b*). | I. Philippinas. |

## Subfam. 4. **Gerbillinae.**

### 609. **Gerbillus,** Desmarest 1804; emend., Lataste, 1882.

*Meriones*, p., Illig. et Auct. (nec Lat., nec Thomas). Desmarest, Nouv. Dict. Hist. Nat., XXIV, 1804, tabl., 22; Lataste, Le Natural., 1882, p. 13.

#### A. **Tatera,** Lataste, 1882.

Lataste, Le Naturaliste, 1882, p. 127.

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| 3401. **indicus**, Hardwicke — (*2587*). | India Sept., Bengal, Beloutchistan, Afghanistan. |
| **a.** — **cuvieri**, Waterhouse — (*2587a*). | India Merid., Ceylon. |
| **b.** — **otarius**, F. Cuvier — (*2587b*). | Madras, Nilgiris, Ceylon (Columbo). |
| 3402. **taeniurus**, Wagner — (*2588*). | Khusistan, Syria (M$^{s}$ Carmel). |
| 3403. **persicus**, Blanford — (*2589*). | Persia, Caucasus Merid. |
| 3404. **validus**, Bocage — (*2590*). | Angola, Congo, Oubangui. |
| 3405. **liodon**, Thomas, Ann. Nat. Hist., 1902, IX, p. 441. | Africa Or., Ibea (Lac Mueru). |
| 3406. **leucogaster**, Peters — (*2592*). | Mozambica. |
| **a.** — **sp.**, Rhoads — (*2592a*). | Somali Occid. |
| 3407. **sp.**, Rhoads — (*2595*). | Somali Occid. |
| 3408. **robustus**, Cretzchmar (in Rüppel) (nec Wagner, nec Loche), Atlas, 1826, p. 75, pl. 29, f. 6; Anderson et Winton, Mam. of Egypt., 1902, p. 265. | Kordofan. |

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| 3409. **lobengulae**, Winton — (*2592B*); Ann. Nat. Hist., 1898, I, p. 249; W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 193. | Africa Merid., Matabele, (Bulawayo). |
| *leucogaster*, p., Winton, 1896. | » |
| 3410. **phillipsi**, Winton — (*2592C*); id., l. c., 1898, I, p. 253. | Somali. |
| 3411. **afer**, Gray — (*2594*); W. L. Sclater, l. c., 1899, p. 191; Mamm. S.-Afr., II, 1901, p. 20; p. 18, f. 86; p. 21, f. 87. | Africa Australi, Colonia Cap., (Cap. Town, Port Elisabeth, Mashona). |
| **a.** — **sp.**, Rhoads — (*2594a*). | Somali Occid. |
| 3412. **brantsi**, A. Smith, App. Report Exped. Expl. S.-Afr., 1836, p. 43; De Winton, Ann. Nat. Hist., 1898, I, p. 4; W. L. Sclater, l. c., 1899, p. 192; Mam. S.-Afr., II, 1901, p. 22. | Africa Australi, Basutos (ad fontes fl. Orange et Caledon), M$^{tes}$ Maccali in Transvaal. |
| *montanus*, A. Smith — (*2595, 2595a*). | » |
| *maccalinus*, Sundevall — (*2596b*). | » |
| 3413. **paeba**, A. Smith, App. Report Exped. Expl. S.-Afr., 1836, p. 43; De Winton, l. c., 1898, p. 3; W. L. Sclater, l. c., 1899, p. 190; id., l. c., 1901, p. 19. | Africa Australi, Bechuanas (Latakoo Sept.), Damara. Kalahari, Namaquas, Transvaal. |
| *tenuis*, A. Smith, Ill. Zool., 1849, pl. 36, f. 2; Thomas, P. Z. S., 1882, p. 265 — (*2632*). | |
| *?tenuis schinzi*, Noack — (*2632a*). | » |
| *?caffer*, Wagner — (*2596*). | » |
| 3414. **hirtipes**, Lataste — (*2599*). | Algeria Merid., Sahara, Tunisia. |
| 3415. **pygargus**, F. Cuvier — (*2600*); Anderson et Winton, Mam. of Egypt, 1902, p. 256. | Senegal, Dongola, Ægyptus, Palaestina merid. |
| 3416. **agag**, Thomas, P. Z. S., 1903, p. 296. | Kordofan Occid. |
| 3417. **pyramidum**, Is. Geoffroy — (*2601*); Anderson et Winton, Mam. of Egypt, 1902, p. 255, pl. 41. | Ægyptus Occid. Nubia, Darfour, Soudan. |
| *longicaudus*, Lataste (nec Wagner). | » |
| **a.** — **tarabuli**, Thomas, P. Z. S., 1902, p. 5. | Tripoli, (Sebha). |
| 3418. **gracilis**, Thomas — (*2597*). | Africa Occid., Gambia. |

### B. **Gerbilliscus**, Thomas, 1897.

Thomas, Proc. Zool. Soc. Lond., 1897, p. 433.

3419. **boehmi**, Noack — (*2591*); Thomas, Ann. Nat. Hist., 1902, IX, p. 441—442. — Africa Or.-Centrali, Marungu, Lac. Tanganyika.

3420. **fraterculus**, Thomas, P. Z. S., 1898, p. 392. — Africa Centrali, Nyassa.

### C. **Gerbillus**, p. d.

*Meriones*, Heuglin et Auct.

3421. **gerbillus**, Olivier — (*2598*); Thomas, P. Z. S., 1902, p. 5; id., l. c., 1900, p. 102; Anderson et Winton, Mam. of Egypt, 1902, p. 252, pl. 40. — Ægyptus, Nubia, Abyssinia, Somali, Tripoli, Arabia.

*ægyptius*, Desmarest. — »

3422. **eatoni**, Thomas, P. Z. S., 1902, p. 6. — Tripoli (Elcusher).

3423. **andersoni**, Winton, Ann. Nat. Hist., 1902, IX, p. 45; Anderson et Winton, Mam. of Egypt, 1902, p. 259. — Tripoli, Nubia.

3424. **latastei**, Thomas et Trouessart, Bull. Soc. Zool. France, 1903, p. 172. — Tunisia Merid., (Kebili).

3425. **longicaudus**, Wagner (nec Lat.) — (*2602*); Nehring, S.-B. Ges. Naturf. Berl., 1901, p. 173. — Ægyptus, Syria (Jaffa).

3426. **imbellis**, Winton, Ann. Nat. Hist., 1898, I, p. 249. — Somali.

3427. **peeli**, Winton, l. c., 1898, p. 250. — Somali.

3428. **dongolanus**, Heuglin — (*2604*). — Africa Or., Dongola.

3429. **macropus**, Heuglin — (*2605*). — Africa Centrali, Bongo (fl. Gazellarum).

3430. **nigricaudus**, Peters — (*2606*). — Africa Or.-Merid., Taita.

3431. **pulvinatus**, Rhoads — (*2607*). — Africa Or., Lac Rudolf.

3432. **meridianus**, Pallas — (*2609*); Satunin, Mitth. Kauk. Mus., 1901, p. 34, 112. — Europa Or. et Asia Centrali à Rossia ad Mongoliam, Caucasus Sept., China Sept. (Pekin).

3433. **tristrami**, Thomas — (*2610*); Nehring, S.-B. Ges. Naturf. Berl., 1901, p. 171. — Palaestina (Mare Asphalticum Merid., Jaffa Merid.).

*?tamariscinus*, Kuhl.

3434. **collium**, Severtzow — (*2611*). Turkestan.

3435. **turfanensis**, Satunin, Annuaire Mus. Zool. Petersb., VII, 1902, p. 553. Asia Centrali, Oasis Lütschun (Pisschau, Turfan), Luctschin-Kyr.

*collium*, p., Kozlov, in Trudy, 1899.

3436. **kozlovi**, Satunin, l. c., 1902, p. 553. Asia Centrali, Kobdo, Altain-Nuru, Gobi-Altaï ad 1300 m.

3437. **roborowskii**, Büchner — (*2612*). Asia Centrali, Zaidam, ad fl. Nomochun-Gol.

3438. **eversmanni**, Bogdanow — (*2613*). Turkestan.

3439. **arenicolor**, Miller, Proc. Biol. Soc. Wash., 1900, p. 163. Turkestan Orient.

3440. **unguiculatus**, A. M.-Edwards — (*2614*). Mongolia, Deserto Gobi, Alaschan, Chuan-Che.

### D. **Hendecapleura**, Lataste, 1882.

Lataste, Le Naturaliste, 1882, p. 126.

3441. **garamantis**, Lataste — (*2615*). Algeria (Ouargla).

3442. **fumulus**, Yerbury et Thomas — (*2616*); Thomas, P. Z. S., 1900, p. 102. Arabia Merid.-Occ. (Aden).

### E. **Dipodillus**, Lataste, 1881.

Lataste, Le Naturaliste, 1881, p. 506; 1882, p. 127.

3443. **stigmonyx**, Heuglin — (*2603*); Thomas, P. Z. S., 1903, p. 296. Senaar, Nilo Super., (Karthoum).

**a.** — **luteolus**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 275. Karthoum Merid., (ad Duem).

3444. **campestris**, Levaillant — (*2617*). Algeria, Tell (Alger, Oran), Marocco, Tunisia.

3445. **simoni**, Lataste — (*2619*). Algeria (Hodna, Oued Magra).

3446. **venustus**, Sundevall — (*2618*). Africa Sept.-Or., Nubia.

3447. **dodsoni**, Thomas, P. Z. S., 1902, p. 7; Thomas et Trt., Bull. Soc. Zool., 1903, p. 173. Tripoli, (Ain Hammam), Tunisia (Bargou), Algeria (Biskra).

3448. **quadrimaculatus** (Ehrenberg), Lataste — (*2620*); Anderson et Winton, Mam. of Egypt, 1902, p. 261, pl. 42. — Africa Sept., Nubia.

3449. **mimulus**, Thomas, Ann. Nat. Hist., 1902, IX, p. 362. — Arabia Merid. (Aden).

3450. **vivax**, Thomas, P. Z. S., 1902, p. 8. — Tripoli (Ain Hammam, Sebha).

3451. **harwoordi**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 275 (nota). — Africa Or., Ibea (Lac. Naivasha, 2100 m).

3452. **bottai**, Lataste — (*2621*). — Senaar.

3453. **amaenus**, Winton, Ann. Nat. Hist., 1902, IX, p. 46; Anders. et Winton, Mam. of Egypt, 1902, p. 262. — Ægyptus.

3454. **poecilops**, Yerbury et Thomas — (*2622*). — Arabia Merid., (Aden).

3455. **lixa**, Yerbury et Thomas — (*2623*). — Aden.

3456. **calurus**, Thomas — (*2608*); Anderson et Winton, Mam. of Egypt, 1902, p. 264. — Africa Sept.-Or., Ægyptus.

3457. **watersi**, Winton, Novit. Zoologiæ, 1900, p. 277, pl. 20; Anderson et Winton, Mam. of Egypt, 1902, p. 263. — Ægyptus merid., (Nilo Super).

3458. **dasyurus**, Wagner — (*2624*). — Arabia Occ. ad Mare Rubrum, Oman.

3459. **dasyuroïdes**, Nehring, S.-B. Ges. Naturf. Berl., 1901, p. 173. — Syria (M[s] Moab, ad Mare Asphalticum Merid.-Orient.).

3460. **nanus**, Blanford — (*2625*). — Afghanistan, Belutchistan.
*gerbillus*, p., Blanf. (nec Olivier).

3461. **gleadowi**, Murray — (*2626*). — India Occ., Sind.

3462. **przewalaskii**, Büchner — (*2627*). — Asia Centrali, Lob-Nor.

3463. **swinhoei**, Scully — (*2628*). — Afghanistan (Kandahar).

3464. **pusillus**, Peters — (*2629*). — Africa Or., Ugogo, Taita.

3465. **vicinus**, Peters — (*2630*). — Ukamba, Ugogo Sept.

3466. **ruberrimus**, Rhoads — (*2631*). — Somali Occid.

3467. **emini**, Thomas — (*2633*). — Africa Centrali, Niam-Niam, Congo Or., fl. Kemo.

## 610. **Pachyuromys,** Lataste, 1880.

*Gerbillus,* p., F. Cuv., 1836.
Lataste, Le Naturaliste, 1880, p. 313, 314.

3468. **duprasi**, Lataste — (*2634*). — Algeria Merid.,Sahara. Laghouat, Ouargla.

3469. **auricularis**. Smith — (*2635*); W. L. Sclater, Ann. S.-Afr., Mus., 1899, p. 194; Mam. S.-Afr., II, 1901, p. 24, et p. 23, f. 88. — Africa Australi, Namaquas, (Kamiesberg), Damara, Griqua Occ., Colonia Cap., (Kimberley).

## 611. **Meriones,** Illiger, 1811; emend., Lataste, 1882 (nec F. Cuv., 1823).

*Rhombomys,* p., Wagner, 1843; *Idomeneus,* Schulze, 1900.
Illiger, Prodrom. Syst. Mam. et Av., 1811, p. 82.

3470. **tamaricinus**. Pallas (nec Eversm.) — (*2636*). — Rossia Merid.-Or., Asia Transcaspia, Turkestan, Palaestina

**a.** — **satschouensis**, Satunin, Ann. Mus. Zool. S[t] Petersb., 1902, p. 555. — Asia Centrali, Oasis Sa-tschou.

*tamaricinus,* p., Kozlov in Trudy, 1899. — »

3471. **rex**. Yerbury et Thomas — (*2637*); Thomas, P. Z. S., 1900, p. 102. — Arabia Merid., (Aden).

3472. **blackleri**. Thomas. Ann. Nat. Hist., 1903, XII, p. 189. — Syria (Smyrna).

3473. **shawi**. Rozet — (*2638*); Thomas. P. Z. S., 1902, p. 8; Thomas et Trt., Bull. Soc. Zool., 1903, p. 174. — Africa Sept., Algeria, Tunisia, Tripoli.

*robustus*, Wagner (nec Rüppel). — »

**a.** — **laticeps**, Lataste — (*2638a*). — Constantine.

**b.** — **longiceps**, Lataste — (*2638b*). — Tunisia.

**c.** — **crassibulla**, Lataste — (*2638c*). — Tebessa.

**d.** — **albipes**, Lataste — (*2638d*). — Algeria (Msila), Tunisia (Gafsa).

**e.** — **ausiensis**, Lataste — (*2638e*). — Algeria (Aumale).

**f.** — **melanurus**, Rüppel — (*2640*); Nehring. S.-B. Ges. Naturf. Berl., 1901, p. 170; Anderson et Winton, Mam. of Egypt, 1902, p. 267, pl. 43. — Ægyptus Sept. (Alexandria), Palaestina (Jaffa, Jordan, Mare Asphalticum), Arabia, Petraea.

3474. **trouessarti**, Lataste — (*2639*). — Algeria (Bou-Saada, Oued-Magra).

3475. **longifrons**, Lataste — (*2642*). — Arabia (Djeddah).

3476. **buryi**. Thomas, Ann. Nat. Hist., 1902, X, p. 488. — Arabia (Aden Sept., 1430 m, Haushabi, Zabâd).

*?»Gerbillus« persicus* et *calurus*, Auct.

3477. **crassus**, Sundevall — (*2643*). — Arabia Sept., (M^s Sinaï).

3478. **erythrurus**, Gray — (*2644*, excl. synon. *»shousboei«*). — Asia Occ. et Merid., Turkestan, Persia, Afghanistan, Belutchistan, usque ad Kandahar.

3479. **shousboei**. Loche — (*2644 part.*): Thomas, P. Z. S., 1902, p. 9. — Algeria, Sahara (Mzab, Laghouat), Tripoli.

*Renaulti*, Loche; *getulus*, Lataste.

3480. **hurrianae**, Jerdon — (*2645*). — Caucasus Merid., Afghanistan, Belutchistan, Sind, Punjab.

3481. **lepturus**, Büchner — (*2646*). — Asia Centrali (ad fl. Chotan-daria).

3482. **caucasicus**, Brandt — (*2647*). — Transcaucasia (Elisabethpol).

612. **Psammomys**, Cretschmar, 1828 (nec Le Conte, 1830).

Cretschmar, in Rüppel's Atlas Reis. N.-Afr., Zool., XI, 1828, p. 56—59.

3483. **obesus**, Cretschmar — (*2648* exclus. syn.); Thomas, Ann. Nat. Hist., 1902, IX, p. 364; Anderson et Winton, Mam. of Egypt, 1902, p. 270, pl. 44. — Ægyptus Sept. (Alexandria), Nubia.

*robustus*, Loche (nec Rüpp., nec Wagner). — »

3484. **elegans**. Heuglin — (*2648 part.*); Anderson et Winton, l. c., 1902, p. 272. — Ægyptus Merid., Senaar.

3485. **algiricus**, Thomas, Ann. Nat. Hist., 1902, IX, p. 364. — Algeria Merid. (Biskra, Laghouat, etc.).

*obesus*, p., Lataste, 1885.

3486. **tripolitanus**, Thomas, P. Z. S., 1902, p. 9; Ann., l. c., 1902, p. 364. — Tunisia (Sfax), Tripoli (Aggar, Cheggar, Bou Cheifa).

3487. **roudairei**, 1881 — (*2648 part.*); Thomas, P. Z. S., 1902, p. 10. — Tunisia (Regione Chotts), Tripoli (Bonjem, Wagis).

*obesus*, p., Lataste, 1885—87.

3488. **terrae-sanctae**, Thomas, Ann. Nat. Hist., 1902, IX, p. 364. — Palaestina (ad Mare Asphalticum, Jericho, Jebel Usdum).
*obesus*, p., Auct., Catal. 1897; Nehring, S.-B. Ges. Naturf. Berl., 1901, p. 172.

### 613. **Rhombomys**, Wagner 1841.

*Meriones*, p., Licht.; *Amphiaulacomys*, Lataste, 1881; *Gerbillus*, p., Büchner, 1888.
Wagner, Gel. Anz. Bayer. Akad. Wiss. Münch., XII, 1841, p. 421; Arch. f. Naturg., VII, 1841, p. 129—132.

3489. **opimus**, Lichtenstein, 1823 — (*2651*). — Rossia Merid., Siberia Merid., Asia Centrali, usque ad Churchu.
*tamaricinus*, Eversm. (nec Pallas).
*pallidus*, Wagner, 1841.

**a.** — **giganteus**, Büchner — (*2650*); Satunin, Ann. Mus. Zool. St Petersb., 1902, p. 560 (nota). — Asia Centrali, Gobi, Dzungaria (Ebi-Nor).

**b.** — **nigrescens**, Satunin, l. c., 1902, p. 560. — Gobi-Altaï (Lac. Orok-Noor, 1150 m).

## Subfam. 5. **Otomyinae.**

### 614. **Otomys**, F. Cuv., 1823 (nec A. Smith, 1834).

*Euryotis*, p., Brants, 1827; Licht.; Smith; Bocage, 1823—1890.
Fréd. Cuvier, Dents des Mammifères, 1823, p. 168—169 et 255.

3490. **irroratus**, Brants, 1827 — (*2652*); Thomas, P. Z. S., 1900, p. 175; W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 195; Mam. S.-Afr., II, 1901, p. 26, et p. 25, f. 80; p. 27, f. 90. — Africa Or. et Merid., à Mashona, Transvaal, Pondo, Namaquas, ad Col. Cap (Cap Town).
*bisulcatus*, F. Cuv., 1829; *typicus*, A. Smith.
*obscura*, Licht. — (*2653*). — »

**a.** — **anchietae**, Bocage — (*2652a*). — Angola, Caconda.

**b.** — **orestes**, Thomas, P. Z. S., 1900, p. 175. — Africa Or., (ValloTeleki, 4330 m).

**c.** — **tropicalis**, Thomas, Ann. Nat. Hist., 1902, X, p. 314. — Africa Or.-Tropicali à Somali, Ibea, ad Nyasa (Ms Kenya, 3300 m).

3491. **brantsi**, A. Smith — (*2654*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 196; Mam S.-Afr., 1902, p. 29; Thomas, Ann. Nat. Hist., 1902, X, p. 312. — Africa Australi, Namaquas (ad fl. Orange, Deelfontein et Klipfontein).
*pallida*, Wagner — (*2657*).
*rufifrons* (Rüppel), Wagner — (*2658*). — »

3492. **unisulcatus**, F. Cuvier — (*2656*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 196; Mam. S.-Afr., 1901, p. 28 (excl. synon.: »*pallida*« et »*rufifrons*«). — Africa Australi Namaquas (Garies), Colonia Cap (Worcester, George).

**a.** — **granti**, Thomas, Ann. Nat. Hist., 1902, X, p. 312. — Colonia Cap., (Deelfontein).

3493. **sloggetti**, Thomas, l. c., 1902, p. 311. — Colonia Cap., (Deelfontein).

3494. **broomi**, Thomas, l. c., 1902, p. 313. — Africa Australi, (Namaquas minores, Port Nolloth).

3495. **jacksoni**, Thomas — (*2655*). — Africa Orient., (M$^s$ Elgon).

3496. **degeni**, Thomas, P. Z. S., 1902, p. 311. — Abyssinia (Shoa, 2670 m., Godjam, 3000 m.).

### 615. **Oreomys**, Heuglin, 1877.

*Oreinomys*, Trouessart, 1880 et 1898 (nec Aymard, 1854).
Heuglin, Reis. Nord-Ost. Africa, 1877, II, p. 76, 77.

3497. **typus**, Heuglin — (*2659*). — Abyssinia Centrali (M$^s$ Semen).

## Subfam. 6. **Dendromyinae.**

### 616. **Deomys**, Thomas, 1888.

Thomas, Proc. Zool. Soc. Lond., 1888, p. 130.

3498. **ferrugineus**, Thomas — (*2660*). — Africa Occ., à Cameron ad fl. Congo infer.

### 617. **Dendromys**, A. Smith, 1829; Smuts, 1832.

*Mus*, p., Brants, 1827.
»*Dendromus*«, A. Smith, Zool. Journ., IV, 1829, p. 438;
»*Dendromys*«, Smuts, Enum. Mam. Cap., 1832, p. 32.

3499. **mesomelas**, Brants — (*2661*); Thomas, P. Z. S., 1900, p. 176; W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 198; Mam. S.-Afr., II, 1901, p. 30. — Africa Or., et Australi, à Galla, Lac Rudolf, M$^s$ Kenya (2300 m.), Nyasa, ad Colonia Cap. (Cape Town), fl. Sondags.

3500. **insignis**, Thomas, Ann. Nat. Hist., 1903, XII, p. 341. — Africa Or., Ibea (Naudi, 2000 m).

3501. **nigrifrons**, True — (*2667*). — Africa Or., M[s] Kilimandjaro.

3502. **pumilio**, Wagner — (*2662*); W. L. Sclater, l. c., 1899, p. 199; id., l. c., 1901, p. 31. — Africa Or.-Centrali et Australi, à Reg. Magnorum Lac., Tanga, ad Coloniam Cap.

3503. **melanotis**, A. Smith — (*2663*); W. L. Sclater, l. c., 1899, p. 199; id., l. c., 1901, p. 31, 32, fig. 91. — Africa Australi et Occ., ab Angola ad Colon. Cap., Durban, Cape Town.

3504. **pecilei**, A. M.-Edwards — (*2664*). — Africa Occ., Congo.

3505. **messorius**, Thomas, Ann. Nat. Hist., 1903, XII, p. 340. — Camerones (Bulu, Efulen).

3506. **pallidus**, Heuglin — (*2665*). — Africa Or.-Sept. (Tigré).

3507. **mystacalis**, Heuglin — (*2666*). — Abyssinia Centrali, Soudan Or., Dembea.

3508. **lovati**, Winton, P. Z. S., 1900, p. 82, pl. 10; Thomas, Ann. Nat. Hist., 1901, VIII, p. 156. — Abyssinia Merid., (Addis Abeba, 2600 m).

## 618. **Limacomys**, Matschie, 1893.

Matschie, S.-B. Gesells. Naturf. Fr. Berlin, 1893, p. 107.

3509. **buttneri**, Matschie — (*2668*). — Africa Occid., Togo.

## 619. **Steatomys**, Peters, 1846.

Peters, S.-B. Akad. Wiss. Berlin, 1846, p. 258.

3510. **pratensis**, Peters — (*2669*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 200; Mam. S.-Afr., II, 1901, p. 33. — Africa Or. et Merid., Mozambica, Mashona, Nyasa, etc.

**a.** — **krebsi**, Peters — (*2669 a*). — Cafreria, Transvaal.

3511. **bocagei**, Thomas — (*2670*). — Africa Occ., Angola.

3512. **opimus**, Pousargues — (*2671*). — Congo, Balao, Reg. Dakoas.

3513. **parvus**, Rhoads — (*2672*). — Africa Orient.-Sept., (ad Lac. Rudolf).

### 620. **Malacothrix,** Wagner, 1843.

*Rhombomys*, p., Peters; *Otomys*, A. Smith, 1834 (nec F. Cuv., 1823); *Lemnus*, p., E. Geoff.; *Mystromys*, p., Gieb. et Auct.
Wagner, Suppl. Schreber's Säugethiere, III, 1843, p. 496.

3514. **typicus**, A. Smith — (*2673*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 201; Mam. S.-Afr., II, 1901, p. 35, fig. 92. — Africa Australi, Colonia Cap., (Graaf Reinet, Beaufort Occ., Griqua Occid.).

3515. **pentonyx**, W. L. Sclater, l. c., 1899, p. 202, 239; Mam. S.-Afr., 1901, p. 36. — Colonia Cap. Occid., (Cape Flats prope Cape Town).

3516. **albicaudatus**, Desmarest — (*2674*). *obesus*, Fischer (nec Rüppel). — Africa Orient., à Choa ad fl. Orange.

## Subfam. 7. **Murinae.**

### 621. **Mus,** L., 1758.

*Glis*, p., Klein, 1751.
Linné, Syst. Naturæ, 10ª Edit., 1758, p. 59.

**Recognitio** (Mures Asiae Merid. et Malasiae).
1903. — **J. L. Bonhote,** *Fasciculi Malayenses*, Zoology, Vol. I, 1903, p. 26, et 31—38.

#### A. **Epimys,** Trt., 1881.

*Rattus*, Fitzing., 1867; *Gymnomys* et *Acanthomys*, p., Gray (nec Less.), 1867, *Pseudomys*, Gray, 1832.
Trouessart Bull. Soc. Etud. Sc. d'Angers, X, 1881, p. 117.

**† Species extinctæ (Europae).**

3517. **† donnezani**, Depéret — (*2731*). — † Pliocaen. Gallia Merid.

3518. **† piletus**, Gregorio — (*2733*). — † Pleistocæn. Sicilia.

**A.' Mures Europae et Asiae Septentrionalis.**

Sectio »*Norwegicus*«, vel »*Decumanus*«.

3519. **caraco**, Pallas — (*2675*). — Siberia Orient., China Sept.-Occid.

3520. **norwegicus**, Erxleben, Syst. Regn. Anim., I, 1777, p. 381 — (*2676*); Anders. et Winton, Mam. of Egypt., 1902, p. 276. *decumanus*, Pallas, 1778 — (*2676*); White, Trans. N.-Zool. Inst., 30, p. 303; W. L. Sclater, Mam. S.-Afr., II, 1901, p. 39, fig. 95A. — Cosmopolita: ab Asia in Europam et inde in omnes Orbis Regiones translatus.

*decumanoïdes*, p., Hodgs. 1841; *brunneus*, Hodgs., 1845. — »

| | |
|---|---|
| **a. — hibernicus**, Thompson — (*2676a*). | I. Hibernia, I. Hebrides. |
| *maurus*, Waterh. (Var. *fusca*). | America Merid., Gallia (Paris), etc. |
| **b. — hoffmanni**, nom. nov. — (*2676b*). | I. Celebes. |
| *major*, Hoffmann — (*2676b*), nec Radde, nec Severtzoff. | » |
| 3521. **humiliatus**, A. M.-Edwards — (*2721, 2721*); Thomas, P. Z. S., 1898, p. 772. | China Sept. (in domibus). |
| 3522. **griseipectus**, A. M.-Edwards — (*2722*). | Thibet Orient., Setchuan. |
| 3523. **plumbeus**, A. M.-Edwards — (*2723*). | China Sept., Pekin. |
| 3524. **ouang-thomae**, A. M.-Edwards — (*2724*). | China Occid., Moupin. |
| 3525. **bocourti**, A. M.-Edwards — (*2725*). | Cochinchina, Siam. |
| 3526. **ningpoensis**, Swinhoë — (*2726*). | China Merid., (Ningpo). |
| 3527. **canna**, Swinhoë — (*2727*). | I. Formosa. |
| 3528. **losea**, Swinhoë — (*2728*). | I. Formosa. |

## B.′ Mures Asiae Meridionalis et Malasiae.

Sectio »*Jerdoni*«, Bonhote, l. c., 1903, p. 32.
Subsectio »*Edwardsi*«, Bonhote, l. c., p. 36.

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|---|---|
| 3529. **edwardsi**, Thomas — (*2717*); P. Z. S., 1898, p. 773. | China Occ., Fokien, Kuatun (in sylvis). |
| 3530. **siporanus**, Thomas — (*2750*). | Malasia, I. Sipora. |
| 3531. **ciliatus**, Bonhote, P. Z. S., 1900, p. 879, pl. 56. | Malacca, Perak (Gunung Inas), 1330 m. |

Subsectio »*Sabanus*«, Bonhote, l. c., p. 36.

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| 3532. **sabanus**, Thomas — (*2718*); Miller, Proc. Wash. Acad., 1901, p. 119. | Borneo, Sarawak (M$^{s}$ Kina Balu et Dulit), I. Natunas, Bunguran. |
| 3533. **vociferans**, Miller, Proc. Biol. Soc. Wash., 1900, p. 137, pl. 3, 4, fig. 3; Proc. Wash. Acad., 1900, p. 204. | Siam infer., Trang, I. Tioman. |
| 3534. **lancavensis**, Miller, l. c., 1900, p. 188, (*subspecies*, apud Miller); *sp. distincta*, Bonhote. | I. Pulo Lankavi, (Malacca Occid.). |
| 3535. **strepitans**, Miller, Proc. Wash. Acad., 1900, p. 207. | I. Anambas, I. Siantan. |

3536. **fremens**, Miller, Proc. Acad. Nat. Sc. Philad., 1902, p. 154; Proc. Nat. Mus., 1903, p. 463. — I. Sinkep, ad Sumatra Sept.-Or., Tapanuli Bay.

Subsectio »*Jerdoni*«, p. d., Bonhote, p. 36.

3537. **pellax**, Miller, Proc. Biol. Soc. Wash., 1900, p. 147. — Siam infer., Trang, (1000 m).

3538. **fulvescens**, Gray — (*2747*, exclus. synon.). *cinnamomeus*, Blyth (nec Pictet). — M$^{s}$ Himalaya, Nipal. Sikkim, ad Tenasserim.

3539. **caudatior**, Hodgson — (*2747 part.*). — M$^{s}$ Himalaya. Nipal.

3540. **jerdoni**, Blyth — (*2764*). — Sikkim.

3541. **coxingi**, Swinhoë — (*2719*). — I. Formosa.

3542. **rapit**, Bonhote, Ann. Nat. Hist., 1903, XI, p. 123. — Borneo (M$^{s}$ Kina Balu).

Subsectio »*Niveiventer*«, Bonhote, l. c., p. 36.

3543. **bukit**, Bonhote, Ann. Nat. Hist., 1903, XI, p. 125; Fasciculi Malay., 1903, p. 27, pl. 4, f. 2. — Malacca, Jalor, (Bukit Besar, 830 m).

3544. **niveiventer**, Hodgson — (*2765*). — Nipal.

3545. **confucianus**, A. M.-Edwards — (*2758*); Thomas, P. Z. S., 1898, p. 773. — China Occ. (Moupin), Kuatun.

Subsectio »*Rajah*«, Bonhote, l. c., p. 36.

3546. **rajah**, Thomas — (*2755*); Miller, Proc. Wash. Acad., 1901, p. 121. — Borneo, Sarawak, I. Labuan et Natunas.

3547. **hellwaldi**, Jentink — (*2753*). — I. Celebes (Menado).

3548. **anambae**, Miller, Proc. Wash. Acad., 1900, p. 205. — I. Anambas. Pulo Siantan.

3549. **lingensis**, Miller, l. c., 1900, p. 206; Proc. Nat. Mus., 1903, p. 463. — I. Linga, Tapanuli Bay.

3550. **catellifer**, Miller, l. c., 1903, p. 464. — I. Pulo Mansalar, Tapanuli.

3551. **surifer**, Miller, Proc. Biol. Soc. Wash., 1900, p. 148, pl. 5, f. 4. — Siam infer., Trang, (1000 m).

3552. **flavidulus**, Miller, l. c., 1900, p. 189, (*subspecies*, apud Miller). — I. Pulo Lankavi.

3553. **butangensis**, Miller, l. c., 1900, p. 190, (*subspecies*, apud Miller). — I. Butang (*cf.* Bintang). Malacca merid. (Pulo Adang).

Subsectio »*Cremoriventer*«, Bonhote, l. c., p. 36.

3554. **cremoriventer**, Miller, Proc. Biol. Soc. Wash., 1900, p. 144, pl. 5, fig. 2; Bonhote, P. Z. S., 1900, p. 879. — Siam infer., Trang, (1000 m), Malacca.

**a.** — ? **subsp.**, Miller, Proc. Biol. Soc., 1900, p. 191. — I. Pulo Lankavi.

3555. **flaviventer**, Miller, Proc. Wash. Acad., 1900, p. 204. — I. Anambas, Pulo Jimaja.

3556. **kina**, Bonhote, Ann. Nat. Hist., 1903, XI, p. 124. — Borneo (M$^s$ Kina Balu).

Sectio »*Whiteheadi*«, Bonhote, l. c., p. 32, 37.

3557. **whiteheadi**, Thomas — (*2743*); Bonhote, P. Z. S., 1900, p. 880. — Borneo (M$^s$ Kina Balu), Malacca.

3558. **ochraceiventer**, Thomas — (*2767*). — Borneo (Kina Balu).

3559. **musschenbroeki**, Jentink — (*2882*, non est *Acomys*). — I. Celebes.

3560. **alticola**, Thomas — (*2766*). — Borneo (Kina Balu).

3561. **baeodon**, Thomas — (*2744*). — Borneo (Kina Balu).

3562. **asper**, Miller, Proc. Biol. Soc. Wash., 1900, p. 145, pl. 5, fig. 3; Proc. Nat. Mus., 1903, p. 463. — Siam infer., Trang, Insulæ in Tapanuli Bay (Pulo Tuangku, I. Banjak).

Sectio »*Bowersi*«, Bonhote, l. c., p. 32. 37.

3563. **gigas**, Satunin, Annuaire Zool. Mus. St Petersb., VII, 1902, p. 562. — China (Setchuan), ad urbem Lui-Gan-fu.

3564. **bowersi**, Anderson — (*2720*). — Birma, Yunnan, Tenasserim.

3565. **latouchei**, Thomas, Ann. Nat. Hist., 1897, XX, p. 113; P. Z. S., 1898, p. 772. — China (Kuatun), in sylvis.

3566. **ferrocanus**, Miller, Proc. Biol. Soc. Wash., 1900, p. 140, pl. 3, 4, fig. 2. — Siam infer., Trang.

3567. **berdmorei**, Blyth — (*2757*). — Archip. Mergui,

Sectio »*Xanthurus*«, Bonhote, l. c., p. 32. 37.

3568. **xanthurus**, Gray — (*2681*). — I. Celebes.

3569. **celebensis**, Gray, P. Z. S., 1867, p. 598 (nec Hoffmann). — I. Celebes.

3570. **meyeri**, Jentink — (*2678*). — I. Celebes.

3571. **everetti**, Günther — (*2751*); Thomas, Trans. Zool. Soc., 1898, p. 400. — I. Philippinas (Luzon).

3572. **macleari**, Thomas — (*2687*); Major, *in* Andrew, Christmas Isl. Monog., 1898, p. 34, pl. 2[bis], f. 1, 3, 6, 7, 8 et f. 1 (texto). — I. Christmas (Malasia).

3573. **luzonicus**, Thomas — (*2752*); Trans. Zool. Soc., 1898, p. 400, pl. 35. — I. Philippinas (Luzon).

Sectio »*Muelleri*«, Bonhote, l. c., p. 32, 37.

3574. **mülleri**, Jentink — (*2679*). — Sumatra.

3575. **palmarum**, Zelebor — (*2729f part.*); Miller, Proc. Nat. Mus., 1902, p. 759. — I. Nicobar.

3576. **validus**, Miller, Proc. Biol. Soc. Wash., 1900, p. 141, pl. 3, 4, fig. 1. — Siam infer., Trang.

3577. **integer**, Miller, Proc. Wash. Acad., 1901, p. 119. — I. Sirhassen, I. Pulo Lingung (Arch. Natuna).

3578. **firmus**, Miller, Proc. Acad. Philad., 1902, p. 155; Proc. Nat. Mus., 1903, p. 461. — I. Linga, Tapanuli.

3579. **domitor**, Miller, Proc. Nat. Mus., 1903, p. 461. — I. Pulo Mansalar, Tapanuli Bay.

3580. **stoicus**, Miller, Proc. Nat. Mus. Nat. Hist., 1902, p. 759, pl. 41, f. 1; pl. 42, f. 1. — I. Andamans (I. Henry Laurence).

3581. **taciturnus**, Miller, l. c., 1902, p. 762. — I. Andaman Merid.

Sectio »*Infraluteus*», Bonhote, l. c., p. 32, 37.

3582. **infraluteus**, Thomas — (*2683*). — Borneo (M[s] Kina Balu).

Sectio »*Rattus*«, Bonhote, l. c., p. 32, 35.
Subsectio »*Rattus*«, p. d.

3583. **rattus**, L. — (*2729*); Thomas, P. Z. S., 1900, p. 194; Anderson et Winton, Mam. of Egypt., 1902, p. 274; Hecht, Zool. Garten, 1899, p. 265; W. L. Sclater, Mamm. S.-Afr., II, 1901, p. 41, fig. 95[B]. — Ab Asia Occid. in Europam introduct., et inde Cosmopolita.

? † *rattus foss.*, Cornalia — (*2729b part.*). — † Pleistocaen. Italia.

a. — **alexandrinus**, Is. Geoffroy — (*2729b* et *App.*); (bona sp.), Miller, Proc. Nat. Mus., 1902, p. 771; Elliot, Field Col. Mus., II, 1901, p. 118. — Europa merid. et Asia Minori, Ægyptus Algeria, etc.

*arboricola*, Waite. — Asia Occid. (I. Nicobar), Australia, America Sept.

b. — **caledonicus**, Wagner — (*2729i*). — I. Nova-Caledonia.

c. — **novæ-zelandiæ**, Buller — (*2729j*). — I. Nova-Zelandia.

d. — **jacobiae**, Waterhouse — (*2729h*). — I. Gallapagos.

e. — **setosus**, Lund — (*2729 g*). America Merid., Brasil, Argentina.

3584. **auratus**, G. Grandidier, Bull. Mus. Paris, 1899, p. 277. Madagascar Occid., (Morondava).

3585. **turkestanicus**, Satunin, Annuaire Zool. Mus. S[t] Petersb., VII, 1902, p. 588. Turkestan (Ferghana, Assam-bob).

3586. **hoffmanni**, Matschie, Abh. Senck. Gesells., 1901, p. 284. I. Celebes.

*celebensis*, Hoffmann (nec Gray) — (*2729 d*). »

Subsectio »*Rufescens*«, Bonhote, l. c., p. 32, 35.

3587. **rufescens**, Gray — (*2729 e*, exclus. synon.); Bonhote, P. Z. S., 1900, p. 878; Fascicul. Malay., Zool., 1903, p. 28, pl. 4, f. 3. India, Bengal, Ceylon, etc., Malacca, Biserat, Jalor.

3588. **flavescens**, Elliot — (*2729 e, part.*). India, Madras.

3589. **brunneusculus**, Hodgson — (*2729 e, part.*). Nipal.

3590. **tetragonurus**, Kelaart, Prodr. Faunæ Zeyl., 1850. Ceylon.

3591. **nemoralis**, Blyth, Journ. As. Soc. Beng., 1851, XX, p. 168. Ceylon.

3592. **robustulus**, Blyth, l. c., 1859, 28, p. 294. Tenasserim.

3593. **andamanensis**, Blyth — (*2729 f.*, excl. syn.); Miller, Proc. Nat. Mus., 1902, p. 765, pl. 41, f. 4; pl. 42, f. 4*a*. I. Andamans Merid., (Port Blair).

3594. **flavipectus**, A. M.-Edwards — (*2763*); Thomas, P. Z. S., 1898, p. 772. China Occ. (Moupin), Kuatun, (in domibus),

3595. **sladeni**, Anderson, Zool. Res. Yunnan, 1879, p. 305. Yunnan.

3596. **yunnanensis**, Anderson, l. c., 1879, p. 306. Yunnan.

3597. **vicerex**, Bonhote, Ann. Nat. Hist., 1903, XI, p. 473. India, Pendjab (Simla).

Subsectio »*Pyctoris*«, Bonhote, l. c., p. 32, 35.
(Sectio »*Nitidus*«, Thomas).

3598. **pyctoris**, Hodgson — (*2729 c, part.*). Nipal.

3599. **aequicaudalis**, Hodgson — (*2729 c*, part.). Nipal.

3600. **rubricosa**, Anderson, Zool. Res. Yunnan, 1879, p. 306. Yunnan.

3601. **neglectus**, Jentink — (*2736*); Miller, Proc. Wash. Acad., 1901, p. 121. Borneo, I. Natunas.

3602. **mindorensis**, Thomas — (*2736[B]*); Trans. Zool. Soc., 1898, p. 401. I. Philippinas (Mindoro).

3603. **tiomanicus**, Miller, Proc. Wash. Acad., 1900, p. 209, fig. 11 *a*. — Malacca (I. Tioman).

3604. **jalorensis**, Bonhote, Fascicul. Malay., Zool., 1903, p. 28, pl. 2 et 4, f. 4. — Malacca (Jalor), Perak, Siam.

Subsectio »*Griseiventer*«, Bonhote, l. c., p. 32, 35.

3605. **indicus**, Desmarest (nec Bechst.), Mammal., II, 1822, p. 299. — India (Pondichery).

3606. **asiaticus**, Gray, Ann. Nat. Hist., 1837, I, p. 585. — India.

3607. **rattoïdes**, Hodgson, Ann. Nat. Hist., 1845, XV, p. 267. — Nipal.

3608. **nitidus**, Hodgson — (*2729 c*, exclus. synon.). — Nipal.

3609. **kandianus**, Kelaart, Prodr. Faunæ Zeyl., 1850. — Ceylon.

3610. **germaini**, A. M.-Edwards — (*2762*). — I. Pulo Condor.

3611. **pannosus**, Miller, Proc. Biol. Soc. Wash., 1900, p. 190. — I. Butang, Pulo Adang.

3612. **simularensis**, Miller, Proc. Nat. Mus., 1903, p. 458. — I. Simular.

3613. **tambelanicus**, Miller, Proc. Wash. Acad., 1900, p. 212, fig. 11 *c*. — I. Big Tambelan.

3614. **obscurus**, Miller, l. c., 1900, p. 213. — I. Tioman.

3615. **siantanicus**, Miller, l. c., 1900, p. 210, fig. 11 *b*. — I. Pulo Siantan, (Tioman).

3616. **atratus**, Miller, Proc. Nat. Mus. Nat. Hist., 1902, p. 767, pl. 41, f. 5; pl. 42, f. 5 *a*. — I. Andamans (I. Barren).

3617. **flebilis**, Miller, l. c., 1902, p. 762, pl. 41, f. 2; pl. 42, f. 2 *a*. — I. Andamans (I. Henry Laurence).

3618. **pulliventer**, Miller, l. c., 1902, p. 765, pl. 41, f. 3; pl. 42, f. 3 *a*. — I. Nicobar major.

3619. **griseiventer**, Bonhote, Fascicul. Malay. Zool., 1903, p. 30, pl. 2 et 4, f. 5. — Malacca, Perak merid. (Bidor).

3620. **diardi**, Jentink — (*2735*). — Java Occid.

3621. **burrus**, Miller, Proc. Nat. Mus., 1902, p. 768. — Archip. Nicobar, I. Trinkur.

3622. **burrulus**, Miller, l. c., 1902, p. 770. — I. Car Nicobar.

3623. **burrescens**, Miller, l. c., 1902, p. 771. — I. Nicobar major.

*Species incertæ sedis.*

3624. **decumanoïdes**, Hodgson, Journ. Asiat. Soc. Beng., 1841, X, p. 915. — India.

3625. **ceylonus**, Kelaart, Prodr. Faunæ Zeyl., 1850. — Ceylon.

3626. **infralineatus** (Elliot), Blyth, Journ. As. Soc. Beng., 1863, 32, p. 348. — India.

3627. **wichmanni**, Jentink — (*2742*). — I. Flores.

3628. **ephippium**, Jentink — (*2745*). — Sumatra, Borneo, Labuan.

a. — **negrinus**, Thomas — (*2745b, App.*); Trans. Zool. Soc., 1898, p. 403. — I. Luzon, M$^s$ Data.

Subsectio »*Chrysocomus*«, Bonhote, l. c., p. 32, 36.

3629. **chrysocomus**, Hoffman — (*2753b*, page 485); Thomas, Trans. Zool. Soc., 1898, p. 403. — I. Celebes, I. Philippinas.

3630. **ruber**, Jentink — (*2737*). — Nova-Guinea.

3631. **baluensis**, Thomas — (*2738*). — Borneo (Kina Balu).

3632. **fratrorum**, Thomas — (*2753c*, page 485). — I. Celebes (Rurukan).

3633. **datae**, Meyer, Abh. Mus. Dresd., 1899, VII, p. 25. — I. Philippinas.

3634. **minahassae**, Thomas — (*2768b*). — I. Celebes Sept.

3635. **callitrichus**, Jentink — (*2754*). — I. Celebes (Menado).

Sectio »*Species (omnes) distinctæ*«, Bonhote, l. c., p. 36.

3636. **mettada**, Gray — (*2819*); Bonhote, P. Z. S., 1900, p. 881. — India, Madras, Malacca.

3637. **gleadowi**, Murray — (*2820*). — India Occid.

3638. **blanfordi**, Thomas — (*2756*). — India Merid.

3639. **humei**, Thomas — (*2770*). — India, Manipur.

3640. **annandalei**, Bonhote, Fasicul. Malay., Zool., 1903, p. 30, pl. 4, f. 1. — Malacca, Perak merid. (Sungkei).

3641. **cœlestis**, Thomas — (*2771c*, page 485). — I. Celebes Merid.

3642. **speciosus**, Temminck — (*2760*). — Japon.

3643. **nezumi**, Temminck — (*2761*). — Japon.

3644. **chiropus**, Thomas — (*2768*). — Birma (M$^s$ Carin).

3645. **margarettae**, Thomas — (*2769*). — Borneo, Sarawak.

a. — **pusillus**, Thomas — (*2769a*). — M$^s$ Kina Balu.

3646. **erythrotis**, Blyth — (*2771*). — Assam (M$^s$ Khasia), Manipur.

Sectio »*Imperator*« *(Mures majores).*

3647. **goliath**, A. M.-Edwards, Bull. Mus., 1900, p. 165, f. 1. — Nova-Guinea, ad fl. Aroa, 1000—2300 m.

3648. **armandvillei**, Jentink — (*2677*). — I. Flores.

3649. **barbatus**, A. M.-Edwards, Bull. Mus., 1900, p. 167, f. 2. — Nova Guinea, ad fl. Aroa.

3650. **lepturus**, Jentink — (*2680*). — Java.

3651. **faberi**, Jentink — (*2682*). — I. Celebes Sept.

3652. **imperator**, Thomas — (*2684*). — I. Salomonis (Aola).

3653. **rex**, Thomas — (*2685*). — I. Salomonis.

3654. **nativitatis**, Thomas — (*2686*); Major, *in* Andrew, Christmas Isl. Monogr., 1898, p. 34, pl. 2[bis], f. 2, 4, 5, 9, 10 et f. 2 (texto). — I. Christmas (*in* Malasia *nec in* Polynesia).

### C.' Mures Novae-Guineae, Australiae et Polynesiae.[1])

3655. **ringens**, Peters et Doria — (*2688*). — Nova-Guinea (fl. Fly).

3656. **doriae**, Trouessart, 1897 — (*2689*). *beccarii*, Peters (nec Jentink). — Nova-Guinea (Sorong).

3657. **browni**, Alston — (*2690*). — Nova-Hibernia, Nova-Guinea.

3658. **gestroi**, Thomas — (*2697[B]*). — Nova-Guinea-Or.

3659. **mollipilosus**, Peters et Doria — (*2691*). — Nova-Guinea (Katau).

3660. **salomonis**, Ramsay — (*2748*). — I. Salomonis (Florida, Ugi).

3661. **praetor**, Thomas — (*2749*). — I. Salomonis (Nova-Britannia, I. Duc York).

3662. **exulans**, Peale — (*2734*); Waite, Mem. Austral. Mus., III, 1897, p. 165. — Australiae Insul., à Nova-Guinea ad Novam-Caledoniam, etc. Atoll Puni-Puni.

**a.** — **maorium**, Hutton — (*2734a*). — Nova-Zelandia.

3663. **jessook**, Jentink — (*2739*). — I. Novae-Hebrides (Tana).

3664. **huegeli**, Thomas — (*2740*). — I. Fidji.

3665. **terrae-reginae**, Alston — (*2692*). — Australia Sept., Queensland.

[1]) Les espèces de cette Région ne sont pas rangées par groupes *(Sectiones)* comme les précédents.

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|---|---|
| 3666. **beccarii**, Jentink (nec Peters) — (*2693*). | I. Celebes (Menado). |
| 3667. **higginsi**, Trouessart — (*2694*). | I. Tasmania. |
| *leucopus*, Higgins (nec Gray, nec Jentink). | » |
| 3668. **assimilis**, Gould — (*2695*). | Australia Orient., Queensland, New-South-Wales. |
| 3669. **fuscipes**, Waterhouse — (*2696*); Waite, Rec. Austr. Mus., 1900, p. 190. | Australia Merid., Tasmania, I. freti Bass. |
| 3670. **greyi**, Gray (in Grey's Trav.) — (*2697*). | Australia Or., Queensland, New-South-Wales. |
| 3671. **tamarensis**, Higgins et Petterd — (*2698*). | Tasmania (fl. Tamar). |
| 3672. **aemuli**, Thomas — (*2698b*, p. 485). | I. Saleyer (Celebes Merid.). |
| 3673. **petterdi**, nom. nov. | I. Tasmania. |
| *tetragonurus*, Higgins et Petterd (nec Kelaart) — (*2699*). | » |
| 3674. **griseo-caeruleus**, Higgins et Petterd — (*2700*). | Tasmania. |
| 3675. **variabilis**, Higgins et Petterd — (*2701*). | Tasmania. |
| 3676. **vellerosus**, Gray — (*2702*). | Australia Merid., (fl. Murray et Glenelg). |
| 3677. **villosissimus**, Waite, Proc. Roy. Soc. Victoria, 1898, X, p. 125. | Australia Merid., (fl. Victoria). |
| *longipilis*, Gould, 1861 (nec Waterhouse, 1837) — (*2703*). | » |
| 3678. **lineolatus**, Gould — (*2704*). | Australia Merid.-Or., (Darling-Downs). |
| 3679. **sordidus**, Gould — (*2705*). | Australia Merid., (Darling-Downs). |
| 3680. **velutinus**, Thomas — (*2706*). | I. Tasmania. |
| 3681. **tompsoni**, Ramsay — (*2707*). | Australia Merid., (New-South-Wales Occ.). |
| 3682. **burtoni**, Ramsay — (*2708*). | Australia Sept.-Occ., (Derby). |
| 3683. **pachyurus**, Higgins et Petterd — (*2709*). | Tasmania (Long's Plains). |
| 3684. **castaneus**, Higgins et Petterd — (*2710*). | Tasmania (Long's Plains). |

3685. **manicatus**, Gould — (*2711*). — Australia Sept., Peninsula York (Port Essington).

3686. **fieldi**, Waite — (*2712*). — Australia Centrali (Alice Spring).

3687. **gouldi**, Waterhouse — (*2713*). — Australia Or. et Merid.

3688. **argurus**, Thomas — (*2714*). — Australia Merid.

3689. **simsoni**, Higgins et Petterd — (*2715*). — Tasmania (Ringarooma).

3690. **nanus**, Gould — (*2716*). — Australia Occ. et Merid.-Or.

3691. **ferculinus**, Thomas, Ann. Nat. Hist., 1902, X, p. 491. — Australia Sept.-Occ. (I. Barrow).

3692. **australis**, Gray *(Pseudomys)* — (*2771b*). — Australia Or., (Liverpool).

## D.' Mures Asiae Minoris et Africae.[1])

3693. **mystacinus**, Danford et Alston — (*2772*); Thomas, Ann. Nat. Hist., 1903, XII, p. 188. — Asia Minor (Bulgar Dagh, M$^s$ Zebil).

**a.** — **smyrnensis**, Thomas, l. c., 1903, p. 188. — Smyrna.

**b.** — **epimelas**, Nehring, S.-B. Ges. Naturf. Berl., 1902, p. 2 (bona sp.); Thomas, l. c., 1903, p. 189. — Graecia (M$^s$ Parnassus, Agoriani).

*mystacinus*, p., Winge, 1881. — »

3694. **albipes**, Rüppel — (*2773*). — Abyssinia, Shoa, Soudan Or., Dongola.

**a.** — **fuscirostris**, Wagner — (*2773a*). — Nubia, Senaar.

3695. **pallescens**, Heuglin — (*2774*). — Senaar Sept.

3696. **galanus**, Heuglin — (*2775*). — Africa Or. (Wolo-Gala).

3697. **hildebrandti**, Peters — (*2776*). — Africa Or. (Taita).

3698. **hildegardeae**, Thomas, Ann. Nat. Hist., 1902, IX, p. 219. — Africa Or., Ibea, (Machakos, 1800 m).

3699. **leucosternum**, Rüppel — (*2777*). — Abyssinia.

3700. **limbatus**, Wagner (*2778*). — Senaar.

3701. **maculatus**, Wagner — (*2779*). — Ægyptus Merid.

3702. **dembeensis**, Rüppel — (*2780*). — Abyssinia (Dembea).

3703. **samharensis**, Heuglin — (*2781*). — Abyssinia (Mekulu).

3704. **kerensis**, Heuglin — (*2782*). — Bogos.

[1]) Les espèces de cette Région ne sont pas rangées par groupes *(Sectiones)*.

3705. **ochropus**, Heuglin — (*2783*) est **Arvicanthis.** — Bogos.

3706. **lateralis**, Heuglin — (*2784*). — Africa Sept.-Or. (Dembeja).

*?macrolepis*, Sundevall (fide Thomas, Ann. Nat. Hist., 1901, VIII, p. 276).

3707. **rufidorsalis**, Heuglin — (*2791*) est **Arvicanthis.** — Semien (Wogara).

3708. **tacaziena**, Heuglin — (*2785*). — Africa Or., (fl. Takazie).

3709. **kaiseri**, Noack — (*2793*). — Africa Centrali (Marungu).

3710. **chrysophilus**, Winton — (*2794*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 205; Mam. S.-Afr., II, 1901, p. 42. — Africa Centrali et Merid., (Nyasa, Matabele, Mashona, Transvaal).

3711. **nyikae**, Thomas — (*2794B*). — Africa Centrali (Nyasa, Nyika).

3712. **hindei**, Thomas, Ann. Nat. Hist., 1902, IX, p. 218. — Africa Or., Ibea, (Machakos, 1800 m).

3713. **bacchante**, Thomas, l. c., 1903, XII, p. 342. — Ibea (Nandi, 2000 m.).

3714. **unyoroi**, Thomas, l. c., 1903, p. 343. — Unyoro (Nil Victoria, Fadjas).

3715. **auricomis**, Winton — (*2796*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 206; Mam. S.-Afr., II, 1901, p. 43. — Africa Centrali et Merid., (Nyasa, Matabele, Mashona, Colonia Cap.).

3716. **coucha**, Smith — (*2786*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 209; Mam. S.-Afr., II, 1901, p. 37, f. 93; p. 38, f. 94, et p. 48. — Africa Merid., Bechuana, Damara, Namaqua, Griqua, Colonia Cap., Congo, Mombuttu, Mozambica, Nyasa, etc.

3717. **colonus**, Brants — (*2802, 2787*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 210; Mam. S.-Afr., II, 1901, p. 47. — Africa Merid., (Algoa Bay), Colonia Cap., (Rondebosch prope Cape Town), Transvaal (Rustenberg), Pondo.

*natalensis*, A. Smith — (*2787*).

*mariquensis*, A. Smith, App. Report Expl. S.-Afr., 1836, p. 43; Winton, P. Z. S., 1896, p. 803.

3718. **dolichurus**, Smuts — (*2788*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 207; Mam. S.-Afr., II, 1901, p. 44. — Africa Merid., Colonia Cap. (Cape Town), Uitenhage, Nyasa, Camerones, Reg. Niger.

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|---|---|
| **a.** — **rutilans**, Peters — (*2788 part.*). | AfricaOr.(Limbareni). |
| **b.** — **arborarius**, Peters — (*2789*). | Mozambica; Reg. Lac. Rudolf. |
| 3719. **defua**, Miller, Proc. Wash. Acad., 1900, p. 635. | Africa Occ., Liberia, (M$^{s}$ Coffee). |
| 3720. **nigricauda**, Thomas — (*2807*); W.L.Sclater, l. c., 1899, p. 208; l. c., 1901, p. 41. | Damara (ad fl. Hountop), Angola. |
| 3721. **paedulcus**, Sundevall — (*2790*); W. L. Sclater, l. c., 1899, p. 206; l. c., 1901, p. 47. | Cafreria, Pondo (Colonia Cap. Orient.), Natal. |
| 3722. **damarensis**, Winton — (*2808*); W.L.Sclater, l. c., 1899, p. 208; l. c., 1901, p. 44. | Damara. |
| *silaceus*, Thomas (nec Wagner). | » |
| 3723. **verreauxi**, A. Smith, South-Afr. Quart. Journ., 1834, p. 156; W. L. Sclater, l. c., 1899, p. 211; l. c., 1901, p. 45. | Africa Merid., Colonia Cap. (Cape Town, Rondebosch). |
| 3724. **lehocla**, A. Smith — (*2806*); W. L. Sclater, l. c., 1899, p. 213; l. c., 1901, p. 46. | Bechuana (Lataku prope Kuruman). |
| 3725. **namaquensis**, A. Smith *(Gerbillus)*; Winton *(Mus)* — (*2795*); W. L. Sclater, l. c., 1899, p. 213; l. c., 1901, p. 52. | Namaquas. |
| 3726. **caffer**, A. Smith, S.-Afr. Quart. Journ. 1834, p. 157; W. L. Sclater, l. c., 1899, p. 214; l. c., 1901, p. 52. | Cafreria. |
| 3727. **muscardinus**, Wagner — (*2792*); W. L. Sclater, l. c., 1899, p. 214; l. c., 1901, p. 52. | Cafreria. |
| 3728. **morio**, Trouessart — (*2797*). | Africa Occid., (M$^{s}$ Camerones). |
| 3729. **tullbergi**, Thomas — (*2798*). | Africa Occ., Camerones, Ashantis, Congo, Ogôoué. |
| **a.** — **rostratus**, Miller, Proc. Wash. Acad., 1900, p. 637. | Liberia (M$^{s}$ Coffee). |
| 3730. **alleni**, Waterhouse — (*2799*). | Africa Occ., (Fernando Po), à Camerones ad Angola, Monbuttu, Niam-Niam. |
| 3731. **ugandae**, Winton — (*2799$^{c}$*). | Africa Or. (Uganda). |
| 3732. **jacksoni**, Winton — (*2799$^{D}$*). | Uganda. |
| 3733. **erythroleucus**, Temminck — (*2799 b*). | Guinea. |

3734. **angolensis**, Bocage — (*2800*). — Africa Occid., Angola, (Mossamedes).

3735. **daltoni**, Thomas — (*2801*). — Fernando-Po.

3736. **rufinus**, Temminck — (*2893*). — Guinea.

3737. **marungensis**, Noack — (*2804*). — Africa Centrali, Marungu, Congo (Kemo). Angola (Coanza).

*anchietae*, Bocage.

3738. **hypoxanthus**, Pucheran — (*2805*); Thomas, Ann. Nat. Hist., 1903, XII, p. 342. — Gabon, Camerones, Congo, Bangui.

3739. **sebastianus**, Winton — (*2809*). — Africa Occid.

3740. **tephrus**, Rochebrune — (*2810*). — Africa Occ.,(Lantana).

3741. **univittatus**, Peters — (*2811*). — Africa Occ., (Dongila, Camerones).

*rufocanus*, Tullberg. — Camerones (Vevaka).

## B. **Mus**, propr. dict.

*Micromys*, Lesson, 1842 (nec Dehne, 1841, nec †Aymard, nec Meyer, 1846); *Musculus*, Hodgs. (nec Rafin.).

### Recognitio.

1900. — **Barret-Hamilton**, On Geographical and Individual Variation in *Mus sylvaticus* and its Allies (P. Z. S., 1900, p. 387—428).

3742. †**orthodon**, Hensel — (*2730*); Barret-Hamilton, P. Z. S., 1900, p. 421. — †Pleistoc. Europa Merid., I. Sardinia.

3743. **sylvaticus**, L. — (*2812*, exclus. syn.); Barret-Hamilton (*s. typicus*), P. Z. S., 1900, p. 404. — Scandinavia (Upsala), Dania (Laaland), Germania Sept.

*flavicollis*, Melchior, Norges Pattedyr, 1834, p. 99, pl. 1 (nec Dehne, nec Winton et Auct.), *nec* — (*2815*). — »

**a.** — **intermedius**, Bellamy, Natur. Hist. South Devon, 1839, p. 195, 329; Barret-Hamilton, P. Z. S., 1900, p. 398. — I. Britannia et Hibernia (Devon), Gallia Sept.-Occid., Belgia, Netherland, Helvetia, Germania.

*campestris*, Holandre, Faune Moselle, 1836, p. 24 (nec Desmarest, 1822); Sélys-Longchamps, 1839; Barret-Hamilton, 1899.

† *sylvaticus foss.* (partim), Gervais, 1859, — (*2812, 2812*). — †Pleist. Anglia, Gallia Sept., Germania.

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|---|---|---|
| b. | — **celticus**, Barret-Hamilton, P. Z. S., 1900, p. 401, pl. 25, fig. 2. | Hibernia (Caragh Lake, Co. Kerry), I. Britannia Occid., Hebrides (Lewis, Skye), ? Portugal. |
| c. | — **hebridensis**, Winton -(*2814*); Barret-Hamilton, P. Z. S., 1900, p. 403. | I. Hebrides (Barra, Lewis). |
| d. | — **hirtensis**, Barret-Hamilton, P. Z. S., 1899, p. 81; 1900, p. 404. | I. St Kilda. |
| e. | — **cellarius**, Fischer, Zool. Gart., VII, 1866, p. 153; XIII, 1872, p. 223; B.-Hamilton, P. Z. S., 1900, p. 406. | Rossia Sept., (St Petersbourg). |
| f. | — **wintoni**, Barret-Hamilton, P. Z. S., 1900, p. 406. | Anglia (passim, Hereford, etc.), Germania Merid., Helvetia Merid., Bohemia, Silesia, Ungaria. |
| | *flavicollis*, Dehne — (*2815* nec Melchior); Winton, 1894. | |
| g. | — **princeps**, Barret-Hamilton, P. Z. S., 1900, p. 408, pl. 25, fig. 1. | Rumania (Bustenari), Ms Carpathes. |
| h. | **islandicus**, Thienemann, Nat. Bemerk. Reis. Nord. Europa, 1824, p. 153; B.-Hamilton, P. Z. S., 1900, p. 409. | I. Iceland. |
| i. | — **hayi**, Waterhouse, P. Z. S., 1837, p. 76; B.-Hamilton, P. Z. S., 1900, p. 410, — (*2812 part.*). | Marocco (Tanger), Hispania, Lusitania, Ins. in Mediterranea, Corsica, Sicilia. |
| | *? dichrurus*, Rafinesque (*2812 part.*). | |
| | † *sylvaticus foss.* (partim), Gervais, 1859. | † Pleistoc. Corsica. |
| j. | — **algirus**, Pomel (nec Loche) — (*2812 part.*); Barrett-Hamilton, P. Z. S., 1900, p. 411. | Algeria (Oran, Alger, Kabylia). |
| k. | — **tauricus**, Barret-Hamilton, P. Z. S., 1900, p. 412. | Asia Minor (Zebil Bulgar Dagh). |
| | *sylvaticus*, p., Danf. et Alst., 1880. | » |
| l. | — **major**, Radde (nec Severtzoff, nec Hoffmann), Reise Siber., I, 1862, p. 180, pl. 5, fig. 3, 4*a*; B.-Hamilton, P. Z. S., 1900, p. 412. | Siberia Occid., Gansu, Ala-schan (8000 m), Muni-ula. |
| | *chevrieri*, Büchner (nec A. M.-Edwards), — (*2759 part.*), | » |

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| **m.** — **arianus**, Blanford — (*2816*, exclus. syn. »*griseus*«); B.-Hamilton, P. Z. S., 1900, p. 413; Satunin, Mitth., Kaukas. Mus., 1901, p. 37, 114; id., Mamm. Caucas., 1903, p. 58. *erythronotus*, Blanford (nec Temminck, 1850). | Persia Sept., (Kohrúd, 2300 m.), Caucasus, Turkestan, Kashgar, Gilgit, India Sept., Tian-schan. |
| **n.** — **witherbyi**, Thomas, Ann. Nat. Hist., 1902, X, p. 490. | » |
| **o.** — **griseus**, True — (*2816a*); Barr.-Hamilton, P. Z. S., 1900, p. 416. | Persia (Fars, 1730 m., Sheoul). |
| **p.** — **pallipes**, Barret-Hamilton, P. Z. S., 1900, p. 417. | Kashmir Centrali (in Montibus, 3300 m.), Pir Panjal Pass. |
| **q.** — **chevrieri**, A. Milne-Edwards — (*2759*), nec Büchner; B.-Hamilton, P. Z. S., 1900. p. 418. | Turkestan (Surhad Wahkán). |
| **r.** — **draco**, Barret-Hamilton, P. Z. S., 1900, p. 418. *chevrieri*,, p. Thomas, P. Z. S., 1898, p. 773. | Thibet (Moupin), China (Shensi Merid.). |
| **s.** — † **lewisi**, Newton, P. Z. S., 1899, p. 381; B.-Hamilton, P. Z. S., 1900, p. 420. *abbotti*, Newton, 1894 (nec Waterhouse, 1837) — (*2732*). | China Sept.-Occ., Fokien (Kuatun). |
| | † Pleistocaen. Anglia, (Kent, Ightham). |
| | » |
| 3744. **meridionalis**, Costa — (*2813*) est **Micromys** *minutus*, Subsp.e. | Italia Merid., Napoli. |
| 3745. **argenteus**, Temminck — (*2826*); Barret-Hamilton, P. Z. S., 1900, p. 420. | Japon. |
| 3746. **cervicolor**, Hodgson — (*2817*). | Ms Himalaya Orient., Nipal, Assam, Ms Khasia. |
| 3747. **nitidulus**, Blyth — (*2818*). | Birma, Bhamo, Sikkim, Pegu. |
| 3748. **albertisi**, Peters et Doria — (*2821*). | Nova-Guinea (Sorong). |
| 3749. **musculus**, L. — (*2822*); Anderson et Winton, Mam. of Egypt, 1902, p. 277; W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 211 (exclus. synon.); Mam. S.-Afr., II, 1901, p. 50. | Europa Or. et Asia Merid., (? Regione Mediterranea), et indè Cosmopolita (in domibus). |
| **a.** — **poschiavinus**, Fatio 1870 — (*2822b*). | Helvetia (in montibus). |
| **b.** — **azoricus**, Schinz, 1845 — (*2822b part.*). | I. Açoras, Italia. |

c. — **islandicus**, Thieneman — (*2822 part.*); Thomas, P. Z. S., 1899, p. 82. — I. Iceland.

d. **gentilis**, Brants — (*2833, 2822 c, App.*); Barret-Hamilton, 1896; Winton, 1897. — Ægyptus, Nubia, Abyssinia, Algeria (Marocco). Austria, Ungaria, RossiaMerid., (Odessa, Caucasus).

*hortulanus*, Nordmann — (*2822 c., Catal.*); Thomas, P. Z. S., 1899, p. 86; Satunin, Mam. Caucas., 1903, p. 58.

*bactrianus*, Blyth — (*2825*); Satunin, l. c., 1903, p. 58. — Asia Occ., Caucasus, Persia, Afghanistan, India, Himalaya, etc.

e. — **spretus**, Lataste — (*2825, 2822 c., App.*). — Algeria (Hauts-Plateaux).

f. — **spicilegus**, Petenyi, The Zoologist, 1896, p. 137; Thomas, P. Z. S., 1901, p. 42. — Ungaria, Gallia Merid. (M$^{s}$ Pyreneæ), Lusitania, I. Balearicæ.

g. — **brevirostris**, Waterhouse — (*2822 h., 2822 h.*).

*flavescens*, Fischer, 1872. — Europa Merid., (Lusitania), Africa Sept., America Merid. (Peru, Uruguay).

h. — **orientalis**, Cretzchmar — (*2832*); Thomas, Ann. Nat. Hist., 1901, p. 276; P. Z. S., 1902, p. 7; Thomas et Trouessart, Bull. Soc. Zool. France, 1903, p. 174; Anderson et Winton, Mam. of Egypt, 1902, p. 278, pl. 45. — Ægyptus Merid., Nubia (Karthoum), Tripoli, ?Tunisia.

i. — **abbotti**, Waterhouse — (*2822 d.*). — Asia Minori.

j. — **urbanus**, Hodgson — (*2822 j.*). — India tota et Ceylon (*nec* Sind, *nec* Punjab), Himalaya, Birma, I. Andamans, etc.

k. — **adelaïdensis**, Gray — (*2822 e.*). — Australia.

l. — **taitiensis**, Fitzinger et Zelebor — (*2822 f.*). — Polynesia (I. Taïti).

m. — **vitiensis**, Peale — (*2822 g.*). — I. Fidji.

n. — **jalapae**, Allen et Chapman — (*2822 k., App.*). — Mexico, Jalapa.

o. — **magellanicus**, Bennet — (*2822 i.*). — Patagonia, Terra-de-fuoco.

3750. **muralis**, Thomas, P. Z. S., 1899, p. 81, pl. IX, fig. 2. — I. S$^{t}$ Kilda, (Scotia).

3751. **peregrinus**, Winton — (*2821$^{B}$*). — Marocco.

3752. **praetextus** (Licht.), Brants — (*2831*). — Syria, Palaestina, Arabia.

3753. **concolor**. Blyth — (*2746*); Bonhote, Fasciculi Malay., 1903, p. 38; Flower, P. Z. S., 1900, p. 361; Bonhote, P. Z. S., 1900, p. 879. — Birma, Bhamo, Tenasserim, Mergui, Malacca (Reg. Patani, in domibus).

3754. **sublimis**, Blanford — (*2823*). — Asia Centrali, Ladak (3900—4300 m.).

3755. **wagneri**, Eversmann — (*2824*).
*pachycercus*, Blanford.
*sylvaticus*, Brandt (nec L.). — Rossia Merid.-Or., Turkestan (in domibus), Dzungaria, Lobnor, Mongolia, Yarkand, China Occid.

3756. **caroli**, Bonhote, Novit. Zoolog., IX, 1902, p. 627. — I. Liu-Kiu (Okinawa).

3757. **molossinus**, Temminck — (*2827*). — Japon.

3758. **albocinereus**, Gould — (*2828*). — Australia Occid.

3759. **novae-hollandiæ**, Waterhouse — (*2829*). — Australia Merid.

3760. **hermansburgensis**, Waite — (*2830*). — Australia Centrali.

3761. **vignaudi**, Prevost et Des Murs — (*2835*). — Abyssinia Orient.

3762. **mahomet**, Rhoads — (*2836*). — Somali Occid.

3763. **fumatus**, Peters — (*2837*). — Africa Centr. (Ukamba).

3764. **tana**, True — (*2839*). — Africa Occ. (fl. Tana).

C. **Micromys**, Dehne, 1841
(nec Lesson, nec Aymard, nec Meyer).

Dehne, Micromys agilis, Kleinmans, ein neues Säugeth. der Fauna von Dresden, 1841, p. 1—10, pl. 1.

3765. **agrarius**, Pallas (*2840*). — Europa Or., à fl. Rheno ad Siberiam Occ., et à Dania ad Lumbardiam.

† *agrarius foss.*, Nehring (*2840, App.*). — † Pleistoc. Helvetia.

**a.** — **mantchuricus**, Thomas, P. Z. S., 1898, p. 774 (nota). — Mantchuria.

3766. **harti**, Thomas, P. Z. S., 1898, p. 774. — China (Kuatun), ad fl. Yang-Tse, I. Formosa.

3767. **minutus**, Pallas — (*2841* excl. syn.); Barret-Hamilton, Ann. Nat. Hist., 1899, III, p. 343 (*minutus typicus*); V, 1900, p. 329. — Siberia, (*nec* Europa).

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| a. | — **agilis**, Dehne, l. c., 1841, p. 1, pl. 1; Hoflössnitz, 1841, p. 16; Barret-Hamilton, l. c., 1900, V, p. 529. | Europa Sept. et Centr. (Brunswick, Dresde). |
| b. | — **campestris**, Desmarest, Mamm. Suppl., 1822, p. 543; B.-Hamilton, l. c., 1900, V, p. 529. | Gallia Sept., Belgica, Europa Occid. et Centrali. |
| | *minutus*, p., Trt., 1881—1897, et Auct., — (*2841 part.*). | » |
| | *pumilus*, *messorius* et *campestris*, F. Cuvier. | » |
| | *soricinus*, *parvulus* et *pendulinus*, Hermann. | » |
| c. | — **minimus**, Gilbert White. Natur. Hist. of Selborne, 1789, p. 33, 39; B.-Hamilton, l. c., 1900, V, p. 329. | I. Britannia. |
| | *messorius*, Kerr, Anim. Kingd., 1792, p. 230; B.-Hamilton, l. c., 1899, III, p. 342 — (*2841 part.*). | » |
| d. | — **pratensis**, Ochskay, Nova Act. Leop. Carol., XV, 2, 1831, p. 243, pl. 48; B.-Hamilton, l. c., 1900, V, p. 329 — (*2841 part.*). | Ungaria Occid., Roumania. |
| | *arundinaceus*, Petenyi, *in* Chyzer, Rel. Pet. T.-Fuset. N., 1881, p. 91. | » |
| e. | — **meridionalis**, Costa — (*2842*). | Italia Merid., Napoli. |
| | *minutus*, p., Giglioli (*in litteris*). | |
| f. | — **ussuricus**, Barret-Hamilton, l. c., III, 1899, p. 344; V, 1900, p. 329. | Siberia Orient., (Ussuri). |
| g. | — **pygmaeus**, A. M.-Edwards — (*2842*); B.-Hamilton, l. c., V, 1900, p. 329; Thomas, P. Z. S., 1898, p. 775. | Thibet (Moupin), China (Kuatun), Shanghaï. |
| 3768. | **castaneus**, Waterhouse — (*2843*). | I. Philippinas. |
| 3769. | **delicatulus**, Gray — (*2844*). | Australia Sept. |

D. **Heliomys**, Gray, 1873.

Gray, Ann. Nat. Hist., 1873, XII, p. 417.

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| 3770. | **jeudei**, Gray — (*2845*). | Habitat —? |

E. **Leggada**, Gray, 1837.

*Nannomys*, Peters, 1876; *Pseudoconomys*, Rhoads, 1896.
Gray, Charlesworth's Mag. Nat. Hist., I, 1837, p. 586.

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| 3771. | **platythrix**, Bennet — (*2847*). | India, Punjab, Karachi, Malabar, Madras. |

3772. **buduga**, Gray — (*2848*). — India, Midnapore, Karachi, Calcutta, Birma.

**a. — cervicolor**, Kelaart — (*2848 part.*). — Ceylon.

3773. **gansuensis**, Satunin, Annuaire Mus. Zool. St Petersb., VII, 1902, p. 564. — Gansú (2500 m.), ad fl. Chitsuhju (4100 m.).

3774. **proconodon**, Rhoads *(Pseudoconomys)* — (*2846*). — Somali Occid.

3775. **musculoïdes**, Temminck — (*2849*). — Africa Occid., à Cameronesad Congo.

3776. **minutoïdes**, Smith — (*2850*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 212; id., Mam. S.-Afr., II, 1901, p. 51. — Africa Merid., Colonia Cap., (Cap. Town), Natal, Damara, Angola, Mozambica, Nyasa, Uganda.

*minimus*, Peters — (*2850 a*).

3777. **tenella**, Thomas, P. Z. S., 1903, p. 298. — Nilo Cœruleo (Roseres).

3778. **modestus**, Wagner — (*2851*). — Africa Centrali et Merid., Nyasa, Zomba.

## 622. **Nesocia**, Gray, 1842.

*Mus*, p., Auct. Vet.; *Arvicola*, p., Gray, 1832; *Spalaconys*, Peters, 1860. »*Nesokia*«, Gray, Ann. Nat. Hist., 1842, X, p. 264; emend. (in »*Nesocia*«) Blanford, 1891.

3779. **hardwicki**, Gray — (*2852*, exclus. synon.). — India Sept., Bengal, Belutchistan.

*indica*, Gray (nec Bechst.).

†*hardwicki foss.*, Lydekker — (*2852 b.*). — †Pliocaen. India.

3780. **huttoni**, Blyth — (*2852 part.*). — Afghanistan.

**a. — satunini**, Nehring, S.-B. Gesells. Naturf. Berl., 1899, p. 108, f. 1. — Transcaspia (Oasis Merw).

3781. **bacheri**, Nehring, S.-B. Ges. Naturf. Berl., 1898, p. 1, 22 — (*2852 B*); 1899, p. 108, f. 2 et p. 110; Anders. et Winton, Mam. of Egypt, 1902, p. 286, pl. 50. — Palæstina Merid., (Moab), Lacu Asphaltico, Ægyptus Sept.

*sp.*, Anderson — (*2852 a.*). — Arabia (Mascat).

3782. **myosura**, Nehring, l. c., 1901, p. 216 (Nec *Meriones*, nec *Psammomys!*). — Syria.

3783. **boettgeri**, Radde et Walter — (*2853*). — Transcaspia, ad fl. Amu-Daria.

3784. **brachyura**, Büchner — (*2854*). — Asia Centrali (Lobnor).

3785. **scullyi**, Wood Mason — (*2855*). Turkestan Occid.

3786. **bengalensis**, Gray — (*2856*). India Sept., Kashmir, Bengal, Birma, Tenasserim.

**a.** — **kok**, Gray — (*2856 a.*). India Merid., M$^{s}$ Nilgiris, I. Ceylon.

3787. **gracilis**, Nehring, S.-B. Ges. Naturf. Berl., 1902, p. 116. I. Ceylon.

3788. **setifer**, Horsfield — (*2857*). I. Java, Pinang, Andamans, Sumatra.

3789. **bandicota**, Bechstein — (*2858*). India (Hindoustan *nec* Bengal), I. Ceylon.

3790. **nemorivagus**, Hodgson — (*2859*). Bengal, Nepal, Indochina, Birma, Assam, I. Formosa.

## 523. **Cricetomys**, Waterhouse, 1840.

*Mus*, p., Auct. Vet.
Waterhouse, Proc. Zool. Soc. Lond., 1840, p. 1, 2.

3791. **gambianus**, Waterhouse — (*2860*); W. L. Sclater, Mam. S.-Afr., II, 1901, p. 53. Africa tota intertropicali à Gambia ad Angolam, Mozambicam et Inhambane (Africa Or.-Merid. Portug.).

**a.** — **dissimilis**, Rochebrune — (*2860 a.*). Africa Occ. (Landana).

## 624. **Malacomys**, A. M.-Edwards, 1876.

Alph. Milne-Edwards, Bull. Soc. Philom., XI, 1876, p. 9.

3792. **longipes**, A. M.-Edwards — (*2861*). Africa Occid., Gabon, Camerones.

3793. **edwardsi**, Rochebrune — (*2862*). Liberia (fl. Mellacore).

3794. **centralis**, Winton — (*2863*). Africa Centrali (Monbuttu, Tingassi).

## 625. **Lophuromys**, Peters, 1874.

*Mus*, p., Temm., 1853; *Lasiomys*, Peters (nec Burm., 1854), 1866.
Peters, M.-B. Akad. Wiss. Berlin, 1874, p. 234 (nomen nov.).

3795. **sikapusi**, Temminck — (*2864*). Africa Occ. et Centrali, à Cameron ad Congo (Kemo), Monbuttu.

3796. **ansorgei**, Winton — (*2865*). — Africa Or.-Centrali, Ibea, Lac. Victoria.

3797. **flavopunctatus**, Thomas — (*2866*); Thomas, P. Z. S., 1902, p. 314. — Abyssinia, Shoa, Ankober (Lac Zuaï), Addis Ababa (2690 m.).

3798. **aquilus**, True — (*2867*); Thomas, P. Z. S., 1900, p. 174. — Kilimanjaro (2700 m.), Nyasa, M$^{s}$ Kenya (3300 m.)

## 626. **Muriculus**, Thomas, 1902.

*Mus*, p., Rüppel, 1845.
Oldfield Thomas, Proc. Zool. Soc. Lond., 1902, p. 314.

3799. **imberbis**, Rüppel — (*2834*); Thomas, P.Z.S., 1902, p. 314—315. — Abyssinia, Siemen, Lac. Tsana, Zegi (1330 m.).

## 627. **Eosaccomys**, Palmer, 1903.

*Saccostomus*, Peters, 1846 (nec *[Saccostoma]*, Fitzinger, 1843).
Palmer, Science, 1903, p. 873; Peters, Ber. und Verh. Akad. Wiss. Berlin, 1846, p. 258.

3800. **campestris**. Peters — (*2868*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 215; Mam. S.-Afr., II, 1901, p. 55, f. 96.
*lapidarius*, Peters (nec Thomas). — Africa Or. et Occid.-Merid., Mozambica, Nyasa, Zambezia, Angola, Damara, Griqua, Zulu, Colon. Cap.

3801. **mashonae**, Winton, 1896 *nec* 1897 — (*2869*); W. L. Sclater, l. c., 1899, p. 216; l. c., 1901, p. 56. — Africa Centrali-Merid., Mashona (Mazoe).

3802. **elegans**, Thomas — (*2869$^{B}$*). — Africa Centrali, Lac. Nyasa (Karonga).

3803. **fuscus**, Peters — (*2870*); W. L. Sclater, l. c., 1899, p. 216; l. c., 1901, p. 57. — Mozambica, (Inhambane).

3804. **anderssoni**. Winton, Ann. Nat. Hist., 1898, I, p. 6; W. L. Sclater, l. c., 1899, p. 216; id., l. c., 1901, p. 57. — Damara, Angola.
*lapidarius*, p., Thomas, P. Z. S., 1882, p. 266, pl. 14, fig. 2 (nec Peters). — »
*mashonae*, p., Winton, Ann. Nat. Hist., 1897, XX, p. 322 (*nec* 1896). — »

## 628. **Acomys,** Is. Geoff., 1838.

*Mus* et *Echimys*, p., E. Geoff., 1812; *Acanthomys*. p., Lesson, 1842.
Is. Geoffroy S[t] Hilaire, Ann. Sc. Nat., Zool., X, 1838, p. 126.

3805. † **gaudryi**. Dames — (*2883*). — † Miocaen. Sup. Graecia.

3806. **cahirinus**, E. Geoffroy — (*2871*); Lartet et Gaillard, Arch. Mus. Lyon, 1903. VIII. p. 38; Anderson et Winton, Mam. of Egypt, 1902, p. 282, pl. 47. — Ægyptus, Sennaar, Palaestina.

3807. **nesiotes**, Bates, P. Z. S., 1903, II, p. 193. — I. Cyprus.

3808. **albigena**, Heuglin — (*2872*). — Abyssinia, Bogos.

3809. **dimidiatus**, Rüppel — (*2873*); Anderson et Winton, l. c., 1902, p. 284; Thomas, P. Z. S., 1900, p. 103. — Nubia, Sennaar, Ægyptus, Palæstina, Asia Or., usque ad Arabiam et Sind.

3810. **viator**, Thomas, P. Z. S., 1902, p. 10. — Tripoli (Wadi Sultan).

3811. **hunteri**, Winton, Novit. Zool., 1900, p. 401 (nota) — (*2875*); Anderson et Winton, Mam. of Egypt, 1902, p. 284, pl. 49. — Ægyptus Or., (Suakim).

3812. **louisae**, Thomas — (*2874*). — Somali.

3813. **russatus**, Wagner (*2876*). — Palæstina (Sinaï), Arabia Petraea.

3814. **nubicus** (X . . . . ?).[1]) Winton, Novit. Zool., 1900, p. 400 (citatio). — Nubia.

3815. **witherbyi**, Winton, Novit. Zool., 1900, p. 400. — Nilo Superiore.

3816. **cinerascens**, Fitzinger et Heuglin — (*2877*). — Sennaar Orient.

3817. **wilsoni**, Thomas — (*2878*). — Africa Or.-Centrali, Mombaza, Nguru.

3818. **spinosissimus**. Peters — (*2879*). — Mozambica, Nyasa, Zambezia.

3819. **selousi**, Winton — (*2880*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 217; Mam. S.-Afr., II, 1901, p. 59. — Matabele (Buluwayo), Nyasa.

3820. **subspinosus**. Waterhouse — (*2881*); W. L. Sclater, l. c., 1899, p. 217; l. c., 1901, p. 58. — Africa Australi (Colonia Cap. B.-Sp.).

## 629. **Dasymys,** Peters, 1875.

*Mus*, p., Sundevall, 1847; Peters, 1870.
Peters, M.-B. Akad. Wiss. Berlin, 1875, p. 12.

3821. **incomtus**. Sundevall — (*2884*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 218; Mam. S.-Afr., II, 1901, p. 60 et p. 59, fig. 97. — Africa Centrali et Merid.-Or., a Nyasa, Shiré ad Natal (Salisbury).

[1]) Je ne connais pas cette espèce citée par De Winton *(loc. cit.)*.

a. — **fuscus**, Winton — (*2884a*). Mashona (Mazoë).

3822. **nudipes**, Peters — (*2885*). Angola, Caconda.

3823. **rufulus**, Miller, Proc. Wash. Acad. Sc., 1900, p. 639, fig. 40. Liberia (Mr Coffee).

3824. **bentleyae**, Thomas — (*2886*). Africa Centrali (Congo inf., Ngombi).

3825. **thomasi**, Winton — (*2886B*). Africa Occid., Angola (Galanga).

## 630. **Arvicanthis**, Lesson, 1842.

*Mus*, p., *Arvicola* et *Hypudæus*, p., Auct. Vet.; *Isomys*, Sundev., 1843; *Lemnus*, p., E. Geoff., 1803; *Golunda*, p., Gray, 1864; *Echimys*, p., Audouin, 1809; *Lemniscomys*, Trt., 1881; *Dasymys*, p., Pousarg., 1896; *Meriones*, p., Rüppel, 1842.

Lesson, Nouv. Tabl. Régne Animal, Mam., 1842, p. 147.

3826. **niloticus**, E. Geoffroy — (*2887* excl. syn.); Anderson et Winton, Mam. of Egypt, 1902, p. 279, pl. 46. Ægyptus, Somali, Nubia, Abyssinia.

a. — **reichardi**, Noack — (*2887a*). A Lac. Rudolf ad Lac. Tanganyka.

3827. **testicularis**, Sundevall — (*2888*); Thomas, Ann. Nat. Hist., 1901, VIII, p. 274. Ægyptus Merid., (Karthoum), Soudan, Bahr-el-Abiad, Palæstina, Arabia, (Aden).

*variegatus*, p., Thomas, P. Z. S., 1895, p. 553.

3828. **variegatus**, Lichtenstein — (*2887 part.*); Thomas, Ann. Nat. Hist., 1901, VIII, p. 274 (nec 1895). Abyssinia (Fashoda).

3829. **abyssinicus**, Rüppel — (*2889*); Thomas, P. Z. S., 1902, II, p. 312. Abyssinia (in montibus), Addis Ababa (Lac. Tsana), Schoa, Tanganyika.

3830. **neumanni**, Matschie — (*2891*). Massaï Nyika (Buruuge).

3831. **somalicus**, Thomas, P. Z. S., 1902, II, p. 312 (nota). Somali Sept.

*neumanni*, p., Thomas (anteà). »

3832. **lacernatus**, Rüppel (*Meriones*) — (*2641*); Thomas, P. Z. S., 1902, II, p. 312. Abyssinia (Lac. Tana).

3833. **ochropus**, Heuglin (*Mus*) — (*2791*); Thomas, P. Z. S., 1902, p. 312. Bogos.

3834. **rufidorsalis**, Heuglin (*Mus*) — (*2783*); Thomas, P. Z. S., 1902, p. 312. — Abyssinia. Semien (Wogara).

3835. **spekei**, Winton, Ann. Nat. Hist., 1897, XX, p. 318. — Uganda.

3836. **dorsalis**, A. Smith — (*2890*); W. L. Sclater. Ann. S.-Afr. Mus., 1899, p. 221; Mam. S.-Afr., II, 1901, p. 64. — Africa Merid., à Nyasa. Mozambica. Mashona, ad Col. Cap. (in Sept. fl. Orange), et Angola.

3837. **univittatus**, Peters — (*2892*). — Africa Occ. et Centr., à Cameron ad Congo et Monbuttu.

3838. **planifrons**, Miller, Proc. Wash. Akad., 1900, p. 641, f. 41*a*, 41*b*. — Liberia (M$^s$ Coffee).

3839. **barbarus**, L. — (*2893*). — Marocco, Algeria, Tunisia.

a. — **pulchellus**, Gray — (*2893a*); Miller, l. c., 1900, p. 641. — Africa tropicali, Kilimandjaro, Liberia (M$^s$ Coffee).
*barbarus*, p., Jentink (nec L.).

3840. **zebra**, Heuglin — (*2893b*); Thomas, Ann. Nat. Hist., 1901, VIII, p. 553. — Africa Or. (Fashoda), Req-Neger, Bongo, Bahr-el-Gazal.

3841. **dunni**, Thomas, P. Z. S., 1903, p. 297. — Kordofan Occid., (Kaga Hills).

3842. **pumilio**, Sparrmann — (*2894, 2895*); W. L. Sclater, l. c., 1899, p. 219; id., l. c., 1901, p. 61, 62, fig. 98. — Africa Orient. et Merid., ab Ibea, Kilimandjaro ad Colon. Cap. et Angola (?Guinea).
*vittatus*, Wagner — (*2895*).

a. — **diminutus**, Thomas — (*2894a*). — Matabele. Masaï.
b. — **bechuanae**, Thomas — (*2894b*); W. L. Sclater, l. c., 1899, p. 220; l. c., 1899, p. 220; l. c., 1901, p. 62. — Bechuana.
c. — **dilectus**, Thomas — (*2894c*); W. L. Sclater, l. c., 1899, p. 220; l. c., 1901, p. 62. — Mashona (Mazoë).

3843. **lineato-affinis**, Hedenborg — (*2896*). — Senaar.

3844. **trivirgatus**, Temminck — (*2897*). — Guinea. Dabocrom.

## 631. **Golunda**, Gray, 1837.

*Mus*, p., Auct. Vet.
Gray, Charlesworth's Mag. Nat. Hist., 1837, I. p. 586.

### A. **Golunda.**

3845. **ellioti**, Gray — (*2898*). — India Occ. et Merid., à Sind ad Madras, Ceylon.

B. **Pelomys,** Peters, 1852; Thomas, 1902.

*Golunda*, p., Trt., Catalog., 1897; Sclater, 1899; *Arvicanthis*, p., Winton, 1901.
Peters, M.-B. Akad. Wiss. Berl., 1852, p. 275.

3846. **fallax**, Peters — (*2899*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 222; Mam. S.-Afr., II, 1901, p. 66; Thomas, P. Z. S., 1902, II, p. 313. — Africa Or., Merid. et Occ.-Merid., à Mozambica, Nyasa, ad Mashona et Angola.

3847. **dembeensis**, Winton, P. Z. S., 1901, p. 81 (»*Arvicanthis*«). — Abyssinia (Dembea).

3848. **harringtoni**, Thomas, P. Z. S., 1902, II, p. 313. — Schoa Occid., (Kutaï, Katchisa).

3849. **campanae**, Huet — (*2900*). — Africa Occid., (Angola).

3850. **dybowskii**, Pousargues — (*2901*). — Congo (fl. Kemo).

632. **Vandeleuria,** Gray, 1842.

*Mus*, p., Bennet, 1832.
Gray, Ann. Nat. Hist., 1842, X, p. 265.

3851. **oleracea**, Bennet — (*2902*). — India ab Himalaya ad Ceylon et Birma.

633. **Chiropodomys,** Peters, 1868.

Peters, M.-B. Akad. Wiss. Berlin, p. 448.

3852. **major**, Thomas — (*2903*). — Borneo, Sarawak.

3853. **gliroïdes**, Blyth — (*2904*). — Birma, Pegu, Assam, Tenasserim, Malacca

3854. **niadis**, Miller, Smiths. Miscell. Coll., vol. 45, 1903, p. 40, fig. 1. — I. Nias (Sumatra), (Lafau).

3855. **pusillus**, Thomas — (*2905*). — Borneo Sept., (Mt Kina Balu).

634. **Batomys,** Thomas, 1895.

Thomas, Ann. Nat. Hist., 1895, XVI, p. 162.

3856. **granti**, Thomas — (*2906*); Trans. Zool. Soc., 1898, p. 405, pl. 33, fig. 2. — I. Philippinas (Luzon Sept.).

635. **Carpomys,** Thomas, 1895.

Thomas, Ann. Nat. Hist., 1895, XVI, p. 161.

3857. **melanurus**. Thomas — (*2907*); id., loc. cit., 1898, p. 407, pl. 34, fig. 2. — I. Philippinas (Luzon Sept.).

3858. **phaeurus**, Thomas — (*2908*); id., loc. cit., 1898, p. 408, pl. 34, fig. 1. — I. Luzon Sept.

### 636. **Hapalomys,** Blyth, 1859.

Blyth, Journ. As. Soc. Bengal, 1859, 28, p. 296.

3859. **longicaudatus**, Blyth — (*2911*). Birma, Tenasserim, Sitang, Tavoy.

### 637. **Pithecheir,** F. Cuv., 1833.

*Pithecochirus*, Gloger, 1841; *Pithechirus*, Agassiz, 1842; Kaup, 1844; *Pithechir*, Jentink, 1892.

Fréd. Cuvier, Hist. Nat. Mam., 1833, texto pl. 290 (livr. 66).

3860. **melanurus**, F. Cuvier — (*2912*). Java (M$^s$ Goenong Gedeh).

### 638. **Crateromys,** Thomas, 1895.

*Phlæomys*, p., Meyer, 1894.

Thomas, Ann. Nat. Hist., 1895, XVI, p. 163.

3861. **schadenbergi**, Meyer — (*2913*); Thomas, Trans. Zool. Soc., 1898, p. 409, pl. 35. I. Philippinas (Luzon Sept., M$^s$ Data).

### 639. **Lenomys,** Thomas, 1898.

*Mus*, p., Jentink.

Thomas, Trans. Zool. Soc., 1898, XIV, p. 409 (nota).

3862. **meyeri**, Jentink — (*2678, 2913$^B$*); Thomas, l. c., 1898, p. 409. I. Celebes.

### 640. **Lenothrix,** Miller, 1903.

Miller, Proc. U. S. Nat. Mus., 1903, p. 466.

3863. **canus**, Miller, l. c., 1903, p. 466, pl. 18. Sumatra Sept.-Occ., (I. Pulo Tuangku).

### 641. **Mallomys,** Thomas, 1898.

Thomas, Novit. Zool., 1898, p. 1.

3864. **rothschildi**, Thomas — (*2913$^C$*). Nova-Guinea Orient.

### 642. **Echiothrix,** Gray, 1867.

*Echinothrix*, Alston, 1876 (nec Brookes, 1828); *Craurothrix*, Thomas, 1896

Gray, Proc. Zool. Soc. Lond., 1867, p. 599.

3865. **leucura**, Gray — (*2914*). I. Celebes Sept., (Menado).

## 643. **Mastacomys,** Thomas, 1882.

Thomas, Ann. Nat. Hist., 1882, IX, p. 413.

3866. **fuscus**, Thomas — (*2915*). I. Tasmania.

†*fuscus foss.*, Lydekker — (*2915* †). † Pleistocaen. Australia merid.

**a.** — **sp.**, Waite — (*2915a*). Australia Centrali (Alice Spring).

## 644. **Uromys,** Peters, 1867.

*Mus*, p., Gray, Gould; *Hapalotis*, p., Krefft; *Gymnomys*, Gray, 1867. Peters, M.-B. Akad. Wiss. Berlin, 1867, p. 343.

3867. **macropus**, Gray — (*2916*). Australia Sept., Queensland.

3868. **cervinipes**, Gould — (*2917*). Australia Orient.

3869. **sapientis**, Thomas, Ann. Nat. Hist., 1902, IX, p. 446. Arch. Salomonis (I. Salomon., I. Isabellae).

3870. **aruensis**, Gray — (*2918*). Nova-Guinea, I. Aru, I. Key.

3871. **validus**, Peters et Doria — (*2919*). Nova-Guinea Orient.

3872. **bruijni**, Peters et Doria — (*2920*). Nova-Guinea (fl. Fly, I. Salawatty et Yule).

3873. **levipes**, Thomas — (*2920B*). Nova-Guinea Orient.

3874. **papuanus**, Meyer — (*2921*). Nova-Guinea.

3875. **rufescens**, Alston — (*2922*). I. Duc. York, Nova-Guinea, (Ms Arfak, fl. Fly).

## 645. **Pogonomys,** A. M.-Edwards, 1877.

*Uromys*, p., Catalogi, fide Thomas, 1896; bonum genus, 1897. A. Milne Edwards, C.-R. Acad. Sc. Paris, 1877, 85, p. 1081; Thomas, Ann. Mus. Genova, 18, 1897, p. 613.

### A. **Pogonomys.**

3876. **macrourus**, A. M.-Edwards — (*2923, 2923*). Nova-Guinea Sept.

3877. **loriae**, Thomas — (*2923B*). Nova-Guinea Or.

3878. **lepidus**, Thomas — (*2923C*). Nova-Guinea Or.

### B. **Chiruromys,** Thomas, 1888 (genus); 1897 (subgenus).

Thomas, Proc. Zool. Soc. Lond., 1888, p. 237.

3879. **forbesi**, Thomas — (*2909*). Nova-Guinea Merid.

3880. **pulcher**, Thomas — (*2910*). Arch. d'Entrecasteaux (I. Fergusson).

3881. **lamia**, Thomas — (*2923$^{D}$*). Nova-Guinea Orient.

## 646. **Conilurus**, Ogilby, 1838.

*Hapalotis*, Licht., 1829 (nec Hübner, 1816); *Dipus*, p., Ogilby, 1841; *Notomys*, Lesson, 1842.
Ogilby, Trans. Linn. Soc. Lond., XVIII, 1838, p. 124.

3882. **albipes**, Lichtenstein — (*2924*). Australia Merid.-Or., New-South-Wales, Victoria.

3883. **macrurus**, Peters — (*2925*). Australia Sept.-Occ.

3884. **boweri**, Ramsay — (*2926*). Australia Sept.-Occ.

3885. **apicalis**, Gould — (*2927*). Australia Merid.

3886. **hemileucurus**, Gray — (*2928*). Australia Sept.-Or., Queensland.

3887. **hirsutus**, Gould — (*2929*). Queensland Sept.

3888. **penicillatus**, Gould — (*2930*). Queensland Sept.

3889. **personatus**, Krefft — (*2931*). Queensland Sept.

3890. **conditor**, Gould — (*2932*). Australia Merid.,New-South-Wales,Victoria.

3891. **murinus**, Gould — (*2933*). Australia Merid. inter.

3892. **mitchelli**, Ogilby (nec Gould) — (*2935*). Australia Merid.,New-South-Wales,Victoria.

3893. **Gouldi**, Gray — (*2936*). Australia Merid. et Occ., (in desertis).

3894. **pedunculatus**, Waite — (*2937*). Australia Centrali.

3895. **papuanus**, Ramsay — (*2939*). Nova-Guinea.

## 646$^{bis.}$ **Podanomalus**, Waite, 1898.

*Hapalotis*, p., Auct.
Waite, Proc. Roy. Soc. Victoria, X, 1898, p. 117.

3896. **longicaudatus**, Gould — (*2934*); Waite, l. c., 1898, p. 117, pl. 5. Australia Occ. inter.

## 646$^{ter.}$ **Ascopharynx**, Waite, 1900.

*Hapalotis*, p., Auct.; *Thylacomys*, Waite, 1898 (nec Blyth, 1840).
Waite, Proc. Roy. Soc. Victoria, X. 1898, p. 121;
Ann. Nat. Hist., 1900, V, p. 223.

3896$^{bis.}$ **cervinus**, Gould — (*2935a*); Waite, l. c., 1898, p. 121, pl. 6. Australia Merid. inter.

## Subfam. 8. **Lophiomyinae.**

### 647. **Lophiomys,** A. M.-Edw., 1867.

*Phractomys*, Peters, 1867.
A. Milne-Edwards. C.-R. Acad. Sc. Paris, 64, 1867, p. 812.

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| 3897. **imhausi**, A. M.-Edwards — (*2940*); Anderson et Winton, Mam. of Egypt, 1902, p. 289, pl. 51. | Africa Sept.-Or., Somali, Abyssinia Sept. |
| 3898. **smithi**, Rhoads — (*2941*). | Ad Lac. Rudolf. |

## Subfam. 9. **Cricetinae.**

### 648. †**Cricetodon,** Lartet, 1851.

*Mus*, p., Auct. Vet.; *Lithomys* et *Micromys*, Meyer, 1846 (nec Dehne); *Decticus* et *Myotherium*, Aymard, 1848; *Myarion*, Pomel, 1854.
Lartet, Notice sur la Colline de Sansan, 1851, p. 20.

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| 3899. †**cadurcensis**, Schlosser — (*2942*). | †Eocaen. Gallia. |
| 3900. †**spectabilis**, Schlosser — (*2943*). | †Eocaen. Gallia. |
| 3901. †**murinus**, Schlosser — (*2944*). | †Eocaen. Gallia. |
| 3902. †**incertus**, Schlosser — (*2945*). | †Eocaen. Gallia, Helvetia. |
| 3903. †**aniciensis**, Aymard — (*2946*). | †Oligocaen. Gallia. |
| 3904. †**minutus**, Aymard — (*2947*). | †Oligocaen. Gallia. |
| 3905. †**sansaniensis**, Lartet — (*2948*). | †Miocaen. Gallia, Germania. |
| 3906. †**gerandianus**, Gervais — (*2949*). | †Miocaen. Gallia. |
| 3907. †**rhodanicus**, Depéret — (*2950*). | †Miocaen. Gallia. |
| 3908. †**medius**, Lartet — (*2951*). | †Miocaen. Gallia. |
| 3909. †**minor**, Lartet — (*2952*); Major, Geol. Mag., VI, 1899, p. 372. | †Miocaen. Gallia, Germania. |
| 3910. †**antiquus**, Aymard — (*2953*). | †Miocaen. Gallia. |
| 3911. †**gergovianus**, Aymard — (*2954*). | †Miocaen. Gallia. |
| 3912. †**sp.**, Hofmann — (*2955*). | †Miocaen. Styria. |
| 3913. †**musculoides**, Pomel — (*2956*). | †Miocaen. Gallia. |
| 3914. †**pomeli**, Trouessart — (*2957*). | †Miocaen. Gallia. |
| 3915. †**angustidens**, Pomel — (*2958*). | †Miocaen. Gallia. |

### 649. **Cricetus,** Leske, 1779.

*Mus*, p., Pall. et Auct. Vet.
Leske, Anfangsgründe Naturg., I, 1779, p. 168—170.

#### A. **Cricetus.**

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|---|---|
| 3916. †**angustidens**, Depéret — (*2959*). | †Pliocaen. Gallia. |
| 3917. **musculus**, Pomel — (*2960*). | †Pleistocaen. Gallia. |

3918. **cricetus**, L. — (*2961*, *2961*). — Europa Centrali et Orient. et Siberia Occ., à Germania ad fl. Obi, et à Dania ad Alpes et Caucasum.
*vulgaris*, Leske, l. c., 1779, p. 168; Nehring, S.-B. Ges. Naturf. Berl., 1899, p. 1; 1901, p. 131, f. 2; Satunin, Mitth. Kaukas. Mus., 1901, p. 39, 114.
*vulgaris foss.*, Kaup — (*2961*, *2961*). — † Pleistocaen. Europa (Gallia usque Paris). Belgica (ad fl. Maas). Regione Oural. Rumania.

**a.** — **canescens**, Nehring, l. c., 1899, p. 1.
**b.** — **rufescens**, Nehring, l. c., 1899, p. 2
**c.** — **nehringi**, Matschie, S.-B. Ges. Naturf. Berl., 1901, p. 232.
**d.** — **babylonicus**, Nehring, l. c., 1903, p. 360. — Syria (Bagdad Merid.-Or.).

3919. **accedula**, Pallas — (*2964*). — Rossia Merid., inter fl. Volga et Ural. Europa Merid.-Or., Bulgaria (*nec* Caucasus, *nec* Asia).

3920. **nigricans**, Brandt, 1832—36 (nec 1854—59) — (*2965*, excl. syn. »*raddei*«); *nec* Blanf., *nec* Danf. et Alston, *nec* Tristram, *nec* Satunin; Nehring, Zool. Anz., 1898, p. 495.

3921. **eversmanni**, Brandt — (*2966*). — Rossia Or., Turkestan Occid.

3922. **fuscatus**, Brandt — (*2969*). — Asia Occid. —?

3923. **furunculus**, Pallas — (*2971*). — Siberia Or., fl. Obi, Daouria.

B. **Mesocricetus**, Nehring, 1898.

A. Nehring, Archiv. für Naturg., 1898, I, p. 379; Satunin, Zool. Anzeig., 1900, p. 301 (Recognitio).

3924. **nigriculus**, Nehring — (*2965 App.*); Satunin, Mitth. Kaukas. Mus., 1901, p. 40, 115; Mam. Caucas., 1903, p. 36. — Caucasus Sept. et Occ., (Vallo Malka), Kuban, Stawropol.
*nigricans*, p., Brandt, Menetriès, Catal., 1832, p. 22; Bull. Ac. St Petersb., I, 1836, p. 42. — »

3925. **raddei**, Nehring — (*2965B*); Satunin, Mam. Caucas., 1903, p. 36. — Caucasus Sept.-Or., Daghestan, (Ssamur, Chunsach).
*? vulgaris*, p., Rossikow.

3926. **brandti**, Nehring — (*2965C*); Satunin, l. c., 1893, p. 37. — Transcaucasia, (Tiflis. Ms Talytch), Persia, Asia minor.
*nigricans*, p., Brandt, 1854 et 1859 (nec 1832—36).

3927. **koenigi**, Satunin, Zool. Anzeig., 1900, p. 301, fig. 1, 2; Mam. Caucas., 1903, p. 36. — Transcaucasia, (Kasikoporan, 1800 m., Gouvt Eriwan), Armenia. ? Asia Minor.

3928. **auratus**, Waterhouse — (*2968*, *2965E*); Nehring, Zool. Anz., 1902, p. 57. — Syria (Aleppo, Beyrouth).

3929. **newtoni**, Nehring, S.-B. Ges. Naturf. Berlin, 1901, p. 129, 130, fig. 1. — Roumania, Bulgaria, (Vallo Dobrudscha), ?Turcica.

C. **Cricetulus**, A. M.-Edw., 1867.

A. Milne-Edwards, Ann. Sc. Nat., Zool., VII, 1867, p. 375; Rech. sur les Mamm., 1867, p. 133.

3930. **phaeus**, Pallas — (*2970*); Satunin, Annuaire Mus. Zool. St Petersb., 1902, p. 566. — Rossia Merid., ad Volga, Mare Caspi, Transcaspia, etc.

†*phaeus foss.*, Nehring — (*2970 App.*). — †Pleistoc. Germania.

**a.** — **griseiventer**, Satunin, l. c., 1902, p. 566. — Asia Centrali, Gobi-Altaï, Altain-Nuru Merid., ad fl. Bis-shen-gol.

3931. **atticus**, Nehring, S.-B. Ges. Naturf. Berlin, 1902, p. 3. — Graecia (Attica), ?I. Scyros.

*arenarius*, p., Winge, 1881 (nec Pallas). — »

3932. **arenarius**, Pallas — (*2962*), nec Winge; Nehring, l. c., 1902, p. 3. — Europa Or. et Asia Occ., à Volga, Crimea, ad Turkestan.

3933. **kozlovi**, Satunin, l. c., 1902, p. 570. — Asia Centrali (Oasis Sa-tschou).

*arenarius*, p., Kozlov, Ann., l. c., 1902, p. 274.

3934. **roborovskii**, Satunin, l. c., 1902, p. 571. — Asia Centrali, Nan-schan, Scharogol-dschin, Syrtyn (Tsaïdam).

3935. **songarus**, Pallas — (*2963*). — Siberia Merid., Turkestan, Gobi, Mongolia Or.

†*songarus foss.*, Sanford — (*2963*). — †Pleistoc. Europa (Anglia).

3936. **dichrootis**, Satunin, l. c., 1902, p. 567. — Asia Centrali, Nan-schan, ad fl. Gorban-angyr-gol.

3937. **griseus**, A. M.-Edwards — (*2972*). — China Sept., Mongolia.

3938. **obscurus**, A. M.-Edwards — (*2973*); Winton, P. Z. S., 1899, p. 575. — China Sept., Shantung Sept., (Setchuen).

D. **Urocricetus**, Satunin, 1902.

*Cricetulus*, p., A. M.-Edwards.

Satunin, Annuaire du Mus. Zool. St Petersb., VII, 1902, p. 573.

3939. **kamensis**, Satunin, l. c., 1902, p. 574. — Thibet Sept.-Or., (Vallo Mekong ad fl. Mok-tschjun).

3940. **longicaudatus**, A. M.-Edwards — (*2974*); Satunin, l. c., 1902, p. 574. — China Sept.

3941. **triton**, Winton, P. Z. S., 1899, p. 575; Satunin, l. c., 1902, p. 574. — Setchuen (Shantung Sept.).

650. **Mystromys**, Wagner, 1841.

*Euryotis*, p., Licht., 1842; *Otomys*, p., A. Smith, 1834. Wagner, Gel. Anz. Bayer. Akad. Wiss. Münch., XII, 1842, p. 421, 434.

3942. **albicaudatus**, A. Smith, S.-Afr. Quart. Journ., II, 1834, p. 148; Illustr. Zool., 1849, pl. 33; W. L. Sclater, Ann. S.-Afr., Mus., 1899, p. 223; Mam. S.-Afr., II, 1901, p. 67, 68, fig. 99. — Africa Australi (Grahamstown, in Sept. ripa fl. Orange), Transvaal, Colonia Cap., (Cape-Flats).

*albipes*, Wagner, 1841 — (*2975*), et *albicaudatus*, Wagner, 1843. — »

*lanuginosus*, Licht., 1842; W. L. Sclater, l. c., 1899, p. 224. — »

3943. **longicaudatus**, Noack — (*2976*). — Africa Centrali.

Subfam. 10. **Nesomyinae.**

651. **Brachytarsomys**, Günther, 1875.

Günther, Proc. Zool. Soc., 1875, p. 79.

3944. **albicauda**, Günther — (*2977*). — Madagascar, (Murundava).

652. **Nesomys**, Peters, 1870.

Peters, S.-B. Ges. Naturf. Fr. Berl., 1870, p. 54.

3945. **rufus**, Peters — (*2978, 2978*). — Madagascar, (Vohima).

653. **Hallomys**, Jentink, 1879.

Jentink, Notes Leyd. Mus., I, 1879, p. 107.

3946. **audeberti**, Jentink — (*2979*). — Madagascar Sept.-Or., (Maisina, Savary).

654. † **Anomalomys**, Gaillard, 1900.

Gaillard, C.-R. Acad. Sc. de Paris, CXXX, 1900, p. 191.

3947. † **gaudryi**, Gaillard, l. c., 1900, p. 191. — † Miocaen. Gallia Merid., (La Grive S$^{t}$ Alban).

### 655. **Brachyuromys,** Major, 1896.

Forsyth Major, Ann. Nat. Hist., 1896, XVIII, p. 322.

3948. **ramirohitra**. Major — (*2980*, *2981*$^{B}$). Madagascar, Betsileo, Sept.-Or., Ampitambé.

3949. **betsileonensis**, Bartlett — (*2981*, *2981*$^{C}$). Betsileo(Ampitambé).

### 656. **Hypogeomys,** Grandidier, 1869.

Grandidier, Rev. et Mag. Zool., XXI, 1869, p. 338.

3950. † **australis**. G. Grandidier, Bull. Mus. Paris. 1903, p. 13, fig. 1—3. †Pleistoc. Madagascar. (Andrahomana, Fort Dauphin Merid.).

3951. **antinema**, Grandidier — (*2982*). Madagascar Occid., (Menabé).

### 657. **Macrotarsomys,** A. M.-Edw. et Grand., 1898.

A. Milne Edwards et G. Grandidier, Bull. du Mus., 1898, p. 179.

3952. **bastardi**, A. M.-Edw. et G. Grandid., l. c., 1898, p. 179, 180, fig. 1, 2. Madagascar Merid.-Occid., (Mangoky Merid.).

### 658. **Gymnuromys,** Major, 1896.

Forsyth Major, Ann. Nat. Hist., 1896, XVIII, p. 324.

3953. **roberti**, Major — (*2983*). Madagascar, (Betsileo Sept.-Or.).

### 659. **Eliurus,** A. M.-Edw., 1885.

A. Milne Edwards, Ann. Sc. Nat., Zool., XX, 1885, Art. 1$^{bis}$, p. 1.

3954. **myoxinus**, A. M.-Edwards — (*2984*). Madagascar Occid.

3955. **minor**, Major — (*2985*). Betsileo Sept.-Or.

3956. **majori**, Thomas — (*2986*). Madagascar Centrali (Ambolimitombo).

3957. **tanala**, Major — (*2987*). Madagascar, Tanala (Ikongo).

## Subfam. 11. **Sigmodontinae.**

[Sectio 2. *Mures Americani*, Catalog., 1897.]

*Hesperomyinae*, Murray et Auct.

### 660. † **Eumys,** Leidy, 1856.

*Hesperomys*, p., Cope.

Leidy, Proc. Acad. Philad., 1856, p. 90.

3958. † **elegans**, Leidy — (*2988*). † Oligocaen. America Sept., Nebraska, Colorado, Dakota Merid.

3958$^{bis}$. † **minor**, Douglass, Trans. Am. Phil. Soc., 1901, p. 16. † Oligocaen. Montana.

## 661. **Onychomys**, Baird, 1857.

*Hypudæus*, p., Wied, 1841; *Hesperomys*, p., Auct.
Baird, Mamm. North-Amer., 1857, p. 457, 458.

3959. **leucogaster**, Wied — (*2989*); Elliot, Field Columb. Mus., II, 1901, p. 119, f. 29. — Dakota (Fort Clark), Missouri, Nebraska, Kansas, Oklahoma, Indian Territ., Texas.

a. — **brevicaudus**, Merriam — (*2989a*); Elliot, l. c., 1901, p. 120. — Idaho (Blackfoot), Wyoming, Colorado, ?Nov.-Mexico Sept.-Occ.

b. — **longipes**, Merriam — (*2990*); Elliot, l. c., 1901, p. 120; (bona sp.), Miller, Proc. Bost. Soc., 1901, p. 66. — Texas Centrali (Concho Co.).

c. — **melanophrys**, Merriam — (*2992*); Elliot, l. c., 1901, p. 120; (bona sp.), Miller, l. c., 1901, p. 67. — Utah (Kane Co., Kanab).

d. — **pallescens**, Merriam — (*2992a*); Elliot, l. c., 1901, p. 121; *(melanophr. pallescens)* Miller, l. c., 1901, p. 67. — Arizona (Apache Co., Moki Pueblos).

3960. **arcticeps**, Rhoads — (*2989B* excl. syn.); Elliot, l. c., 1901, p. 121. — Novo-Mexico Sept.-Or., (Union Co., Clapham).

3961. **longicaudus**, Merriam — (*2991*); Elliot, l. c., 1901, p. 121. — Utah (Washington Co., St George).

3962. **ramona**, Rhoads — (*2994*); Elliot, l. c., 1901, p. 121. — California Merid.-Or., (Vallo San Bernardino).

3963. **torridus**, Coues — (*2995*); Elliot, l. c., 1901, p. 122. — Arizona (Graham Co., Camp Grant), inter fl. Mississipi et Mtes Rupestres.

a. — **arenicola**, Mearns — (*2995a*); Elliot, l. c., 1901, p. 122. — Texas Sept.-Occ. (Rio-Grande, prope El Paso).

b. — **perpallidus**, Mearns — (*2995b*); Elliot, l. c., 1901, p. 122. — Mexico Sept. et Arizona (Yuma Co., ad fl. Colorado in ripa sinistra).

3964. **fuliginosus**, Merriam — (*2993*); Elliot, l. c., 1901, p. 123. — Arizona, Ms San Francisco Sept.-Or., Painted Desert (Tank lava beds).

## 662. **Peromyscus**, Gloger, 1842.

*Mus*, p., Auct.; *Hesperomys*, p., *Calomys*, Aud. et Bachm., 1851 (nec Waterh.); *Vesperimus*, Coues, 1874; *Vesperomys*, Cope, 1871; *Cricetus*, p., Thomas, 1888 (nec 1896); *Trinodontomys*, Rhoads, 1894; *Sitomys*, Fitzinger, 1867.

Gloger, Handb. und Hilfsb. Naturgesch., 1842, p. 95.

### A. **Peromyscus.**

3965. † **nematodon**, Cope — (*2996*). — † Miocaen. Oregon.

3966. † **loxodon**, Cope — (*2997*). — † Pliocaen. Novo-Mexico.

3967. **leucopus**, Rafinesque — (*2998*); Mearns, Proc. Biol. Soc. Wash., 1901, p. 153. — Kentucky, et à New Jersey ad Carolinam Merid., ad Mississipi et ad Minnesota.

*americanus*, Kerr; Elliot, Field Columb. Mus., II, 1901, p. 124, f. 30.

**a.** — **noveboracensis**, Fischer (ex Erxleben), Fischer, Synops. Mam., 1829, p. 318; Elliot, l. c., p. 125. — New-York, et ab Ontario, Nova Scotia ad New-York Merid. (Hastings).

*myoïdes*, Gapper.

**b.** — **deserticola**, Mearns — (*2998c*); Elliot, l. c., 1901, p. 125. — California, Deserto Mojave et Arizona.

**c.** — **arizonae**, Allen — (*2998e*); Elliot, l. c., 1901, p. 125. — Arizona (Fairbank), M^tes White, Chiricahua et Graham.

**d.** — **artemisiae**, Rhoads — (*2998f*); Elliot, l. c., 1901, p. 126. — Columbia Brit. (Ashcroft), Oregon, Washington, Idaho.

**e.** — **minnesotae**, Mearns, Proc. Biol. Soc. Wash., 1901, p. 154. — Minnesota (Reg. Hennepin).

3968. **sonoriensis**, Le Conte — (*2998d*); Elliot, l. c., 1901, p. 125; (bona sp.), Osgood, Proc. Biol. Soc., 1904, p. 56 (nota). — Sonora (Santa Cruz River).

**a.** — **labecula**, Elliot, Field Columb. Mus., III, 1903, p. 143. — Mexico Sept.

**b.** — **blandus**, Osgood, l. c., 1904, p. 56. — Mexico, Chihuahua, (Escalon), Texas Occ.

**c.** — **fulvus**, Osgood, l. c., 1904, p. 57. — Oaxaca (urbi Oaxaca), Puebla, Vera Cruz, Hidalgo.

3969. **tornillo**, Mearns — (*2999*); Elliot, l. c., 1901, p. 126. — Texas Sept., Rio Grande prope El Paso.

3970. **rufinus**, Merriam — (*2998 b, 2998$^{B}$*); Elliot, l. c., 1901, p. 126. — Arizona, M$^{s}$ San Francisco, Utah, Colorado, Novo-Mexico.

3971. **gossypinus**, Le Conte — (*3000*); Elliot, l. c., 1901, p. 126, 127. — Georgia (Liberty Co., Riceboro), Florida Sept., Carolina Sept., ad Alabama et Mississipi.

a. — **mississipiensis**, Rhoads — (*3000 a*); Elliot, l. c., 1901, p. 127. — Tennessee (ad rip. flum. Mississipi), Samburg, Redfoot Lake.

b. — **palmarius**, Bangs — (*3000 b*); Elliot, l. c., 1901, p. 127. — Florida (Peninsula), Bravard Co. (Oak Lodge).

c. — **nigriculus**, Bangs — (*3000 c*); Elliot, l. c., 1901, p. 127. — Louisiana, Reg. Bayou (Burbridge, Plaquemines Parish).

3972. **anastasiae**, Bangs — (*3000$^{B}$*); Elliot, l. c., 1901, p. 128. — Florida, I. Anastasia (Point Romo).

3973. **insulanus**, Bangs — (*3000$^{C}$*); Elliot, l. c., 1901, p. 128. — Georgia, I. Cumberland et ?Ossabaw.

3974. **canadensis**, Miller — (*3001*); Elliot, l. c., 1901, p. 128. — New York (Madison Co., Peterboro), et à Canada, New Brunswick ad New York et Massachusetts Occid.

a. — **abietorum**, Bangs — (*3001 a*); Elliot, l. c., 1901, p. 128. — Nova Scotia (James River).

b. — **umbrinus**, Miller, Proc. Bost. Soc., 1897, p. 23; Elliot, l. c., 1901, p. 129. — Ontario, Lac. Superior Sept.-Occid. (Peninsula Harbor).

c. — **nubiterrae**, Rhoads, Proc. Acad. Philad., 1896, p. 187. — Carolina Sept., Mitchell Co., (M$^{t}$ Roan), Alleghanis Merid.

3975. **akeleyi**, Elliot, Field Columb. Mus., 1899, I, p. 253; II, 1901, p. 129. — Terr. Washington, M$^{tes}$ Olympic (Clallam Co., fl. Elwah, Johnson's Ranch).

3976. **texensis**, Woodhouse (= *texanus*) — (*3002, 3002*); Elliot, l. c., 1901, p. 130. — Texas, Rio Grande (El Paso), Novo Mexico, Oklahoma, Indian Territ.

a. — **medius**, Mearns — (*3002 a*); Elliot, l. c., 1901, p. 130. — California infer. et merid., (Nachoguero Valley).

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| b. — **clementis**, Mearns — (*3002b*, *3002$^{B}$*); Elliot, l. c., 1901, p. 130. | California. I. San Clemente. |
| c. — **gambeli**, Baird — (*3002c*.); Elliot, l. c., 1901, p. 130. | California (Monterey), Nevada, Oregon, Washington. |
| d. — **nebrascensis**, Mearns, Bull. Am. Mus., 1890, p. 287; Elliot, l. c., 1901, p. 130. | Montana (Custer Co.), Dakota, Wyoming, Nebraska, Kansas. |
| e. — **saturatus**, Bangs — (*3002f*); Elliot, l. c., 1901, p. 131. | Columbia Brit., (I. Saturna). |
| f. — **subarcticus**, Allen, Bull. Am. Mus., 1899, p. 15; Elliot, l. c., 1901, p. 131. | Montana (Deerlodge Co.); et ab Utah, Colorado, Wyoming, Dakota, usque ad Alberta (Vallo Saskatchewan). |
| g. — **flaccidus**, Allen, Bull. Am. Mus., 1903, p. 599. | Mexico (Durango Sept.-Or., 2500 m.). |
| h. — **coolidgei**, Thomas — (*3002ee*, *App.*). | California infer., (Santa Anita). |
| i. — **mesomelas**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 57. | Mexico, Orizaba (Vera-Cruz), Puebla. |
| j. — **castaneus**, Osgood, l. c., 1904, p. 57. | Yucatan Peninsula (Campeche, Yohaltun). |
| 3977. **maniculatus**, Wagner — (*3002$^{H}$*); Elliot, l. c., 1901, p. 131. | Labrador (Moravian Settlements), ? Canada. |
| a. — **arcticus**, Mearns — (*3002g*); Elliot, l. c., 1901, p. 131 (*»texensis arcticus«*); Allen, l. c., 1903, p. 540. | Canada ab Hudson Bay (Fort Simpson), ad M$^{tes}$ Rupestres, Columbia Brit. |
| 3978. **austerus**, Baird — (*3002h*); Elliot, l. c., 1901, p. 132 (bona sp.). | Washington (Spokane Plain), et California Sept.-Occid. |
| 3979. **mearnsi**, Allen — (*3003*); Elliot, l. c., 1901, p. 132 (*texensis mearnsi*); Osgood, Proc. Biol. Soc. Wash., 1904, p. 58. | Texas (Brownsville), Arizona. |
| 3980. **canus**, Mearns — (*3004*); Elliot, l. c., 1901, p. 132. | Texas (Kinney Co., Fort Clark), Terr. Oklahoma. |
| 3981. **boylei**, Baird — (*3005*); Elliot, l. c., 1901, p. 132. *gilberti*, Allen, Bull. Am. Mus., 1893, p. 188. | California Centrali et Or., Eldorado Co., American River. |

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| **a.** — **penicillatus**, Mearns — (*3005a*); Elliot, l. c., 1901, p. 133. | Texas Sept.-Occ., Ms Franklin prope El Paso. |
| **b.** — **pinalis**, Miller — (*3009a*); Allen, Bull. Amer. Mus., 1903, p. 600. | Novo-Mexico, Arizona (Pinal Co.), Sonora, Durango Sept.-Or. |
| 3982. **keeni**, Rhoads — (*3006*); Elliot, l. c., 1901, p. 133. | Columbia Brit., I. Queen Charlotte. |
| 3983. **macrorhinus**, Rhoads — (*3007*); Elliot, l. c., 1901, p. 133. | Columbia Brit. Merid., (fl. Skeena), ?Washington Sept. |
| 3984. **prevostensis**, Osgood, North-Amer. Fauna, No. 21, 1901, p. 29. | I. Queen Charlotte (I. Prevost). |
| 3985. **sitkensis**, Merriam — (*3007B*); Elliot, l. c., 1901, p. 134; Allen, Bull. Amer. Mus., 1903, p. 540. | Alaska, Sitka, (I. Baranof, Wrangel). |
| 3986. **oreas**, Bangs — (*3007C*); Elliot, l. c., 1901, p. 134; Allen, l. c., 1903, p. 544; Osgood, N.-Am. Fauna, 19, 1900, p. 32. | Columbia Brit. (Ms Baker Range), Washington Sept., Reg. Yukon. |
| **a.** — **rubidus**, Osgood, Proc. Biol. Soc. Wash., 1901, p. 193. | California, Mendocino Co., (urbi Mendocino). |
| 3987. **auripectus**, Allen — (*3008*); Elliot, l. c., 1901, p. 134. | Utah Merid.-Or., (Bluff), Arizona, Novo-Mexico. |
| 3988. **rowleyi**, Allen — (*3009*); Elliot, l. c., 1901, p. 134. | Utah (Nolan's Ranch), Arizona. |
| 3989. **polius**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 61. | Mexico, Chihuahua, (Colonia Garcia). |
| 3990. **attwateri**, Allen — (*3010*); Elliot, l. c., 1901, p. 135. | Texas, Kerr Co., (Turtle Creek), Indian Territory. |
| **a.** — **pectoralis**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 59. | Mexico, Queretaro (Jalpan). |
| **b.** — **eremicoïdes**, Osgood, l. c., 1904, p. 60. | Mexico, Durango (Mapimi). |
| 3991. **bellus**, Bangs — (*3011*); Elliot, l. c., 1901, p. 135. | Indian Territ. (Stilwell). |
| 3992. **insolatus**, Rhoads — (*3012*); Elliot, l. c., 1901, p. 135 (Subgenus *Trinodontomys*, Rhoads, 1894). | California, Kern Co., (Oro Grande, Mojave Desert). |

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| 3993. **fraterculus**, Miller — (*3013*); Elliot, l. c., 1901, p. 136. | California Merid., San Diego, (Dulzura). |
| 3994. **stephensi**, Mearns — (*3014c*); Elliot, l. c., 1901, p. 136. | California Merid., San Diego Co., ad limites Mexicanas. |
| 3995. **major**, Rhoads — (*3016*); Elliot, l. c., 1901, p. 137. | California Merid., Bernardino Co. (Squirrel Inn). |
| 3996. **herroni**, Rhoads — (*3017*); Elliot, l. c., 1901, p. 137. | California Merid., (Vallo San Bernardino). |
| **a.** — **nigellus**, Rhoads — (*3017a*); Elliot, l. c., 1901, p. 137. | California Merid. (in Montibus, Mts San Bernardino, Cajou Pass). |
| 3997. **insignis**, Rhoads — (*3022*); Elliot, l. c., 1901, p. 138. | California Merid.-Or., San Diego Co., (Dulzura). |
| 3998. **dyselius**, Elliot — (*3018c*); Elliot, l. c., 1901, p. 138. | California Occid., in Merid. urbis San Francisco; San Mateo Co., (Partola). |
| 3999. **robustus**, Allen — (*3021*); Elliot, l. c., 1901, p. 138. | California (Palo Alto, Mus. Stanford University). |
| 4000. **floridanus**, Chapman — (*3023*); Elliot, l. c., 1901, p. 138. | Florida Peninsula. (Gainesville), Dade Co., (Lac. Worth). |
| *macropus*, Merriam — (*3023a*). | |
| 4001. **megalotis**, Merriam — (*3024*); Elliot, l. c., 1901, p. 139. | Arizona, Deserto Little Colorado (Black Tank). |
| 4002. **truei**, Shufeldt — (*3025*); Elliot, l. c., 1901, p. 139. | Novo-Mexico (Fort Wingate), Nevada, Utah. |
| **a.** — **nasutus**, Allen — (*3025a*); Elliot, l. c., 1901, p. 139. | Colorado, Larimer Co., (Estes Park). |
| **b.** — **crinitus**, Merriam — (*3025b*); Elliot, l. c., 1901, p. 140. | Idaho, Snake River (Shoshone Falls). |
| **c.** — **scitulus**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 67; Elliot, l. c., 1901, p. 429. | Nevada, Douglas Co., (Gardnerville). |
| 4003. **nuttali**, Harlan, Amer. Monthl. Journal, 1832, p. 446; Elliot, l. c., 1901, p. 140. | Virginia Merid., (Norfolk) Carolina Sept. et Merid., Georgia (*nec* Mexico). |
| *aureolus*, Aud. et Bachm. — (*3026* exclus. syn. »*a. fulvescens*«). | |

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| 4004. **michiganensis**. Audubon et Bachman — (*3027*); Elliot, l. c., 1901, p. 140. | Michigan (Erie Co.), Dakota, Minnesota, Indiana, Kansas. |
| a. **pallescens**, Allen - (*3027a*); Elliot, l. c., 1901, p. 140. | Texas (San Antonio). |
| 4005. **niveiventris**, Chapman — (*3030*); Elliot l. c., 1901, p. 141. | Florida Peninsula Or., (Brevard Co., Micco). |
| 4006. **phasma**, Bangs — (*3030B*); Elliot, l. c., 1901, p. 142. | Florida, I. Anastasia (Ponto Romo). |
| 4007. **subgriseus**, Chapman — (*3030a*, *3030C*); Elliot, l. c., 1901, p. 142. | Florida Centrali (Gainesville). |
| a. — **rhoadsi**, Bangs — (*3030Cb*); Elliot, l. c., 1901, p. 142. | Florida Peninsula Merid.-Occ.(Hillsboro Co., Anelote River). |
| b. — **baliolus**, Bangs — (*3030Cc*); Elliot, l. c., 1901, p. 142. | Georgia Sept., Scriven Co., (Hurman's Lake prope Bascom), et Carolina Merid. (in regionibus arenariis). |
| *arenarius*, Bangs (nec Mearns). | |
| 4008. **zarhynchus**. Merriam — (*2997D*). | Mexico, Chiapas (Tumbala). |
| a. — **cristobalensis**. Merriam — (*2997Db*). | Chiapas (San Cristobal). |
| 4009. **lepturus**. Merriam — (*2997F*). | Mexico, Oaxaca (M$^{s}$ Zempoaltepec, 2400 m.). |
| 4010. **lophurus**. Osgood, Proc. Biol. Soc. Wash., 1904, p. 72. | Guatemala (Todos Santos). |
| 4011. **simulatus**. Osgood, l. c., 1904, p. 72. | Mexico, Vera Cruz (Jico, 2000 m.). |
| 4012. **megalops**. Merriam — (*2997G*). | Oaxaca (M$^{tes}$ prope Ozolotepec). |
| 4013. **melanocarpus**. Osgood, l. c., 1904, p. 73. | Oaxaca (M$^{s}$ Zempoaltepec 2600 m.). |
| 4014. **altilaneus**. Osgood, l. c., 1904, p. 74. | Guatemala (Todos Santos, 3330 m.). |
| 4015. **auritus**. Merriam — (*2997H*). | Oaxaca (M$^{tes}$ in Occid. urbis Oaxaca). |
| 4016. **comptus**. Merriam — (*2997I*). | Mexico, Guerrero (M$^{tes}$ prope Chilpancingo). |
| 4017. **merriami**. Mearns — (*3015*). | Mexico, Sonora (Sonoyta ad fl. Sonoyta). |

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| 4018. **spicilegus**, Allen — (*3031*). | Mexico, Jalisco (Mascota, Mineral San Sebastian). |
| **a.** — **evides**, Osgood, Proc. Biol. Soc., 1904, p. 64. | Oaxaca (Juquila). |
| **b.** — **simulus**, Osgood, l. c., 1904, p. 64. | Tepic (San Blas). |
| 4019. **aztecus**, Saussure — (*3033*). | Mexico Merid. |
| 4020. **beatae**, Thomas, Ann. Nat. Hist., 1903, XI, p. 485. | M$^{s}$ Orizaba (Camp Xometla, 2830 m.). |
| 4021. **mexicanus**, Saussure — (*3034*). | Mexico, Vera Cruz. |
| **a.** — **totontepecus**, Merriam — (*3034b*). | Oaxaca (M$^{s}$ Totontepec, 2160 m.). |
| **b.** — **saxatilis**, Merriam — (*3034e*). | Guatemala, Huehuetenango, (Jacaltenango). |
| **c.** — **orizabae**, Merriam — (*3034d*). | Mexico, Vera Cruz (Orizaba). |
| **d.** — **teapensis**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 69. | Tabasco, (Teapa). |
| 4022. **allophylus**, Osgood, l. c., 1904, p. 71. | Mexico, Chiapas, (Huehuetan). |
| 4023. **melanophrys**, Coues — (*3035*). | Mexico, Tehuantepec, (Santa Efigenia). |
| **a.** — **zamorae**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 65. | Michoacan (Zamora). |
| **b.** — **consobrinus**, Osgood, l. c., 1904, p. 66. | Zacatecas, (Berriozabal). |
| 4024. **xenurus**, Osgood, l. c., 1904, p. 67. | Durango, (urbi Durango). |
| 4025. **zelotes**, Osgood, l. c., 1904, p. 67. | Michoacan, (Querendaro). |
| 4026. **affinis**, Allen — (*3036*). | Mexico, Oaxaca (Barrio). |
| 4027. **banderanus**, Allen — (*3037*). | Mexico, Jalisco (Valle de Banderas, Terro Tepic). |
| **a.** — **vicinior**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 68. | Michoacan (La Salada). |
| **b.** — **angelensis**, Osgood, l. c., 1904, p. 69. | Oaxaca (Puerto Angel). |
| 4028. **leucurus**, Thomas — (*3038*). | Mexico, Tehuantepec. |
| **a.** — **gadowi**, Thomas, Ann. Nat. Hist., 1903, XI, p. 484. | Oaxaca (San Carlos, Yantepec). |

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| 4029. **cineritius**. Allen — (*3002$^{E}$*). | Mexico, California infer., (I. San Roque). |
| 4030. **geronimensis**. Allen — (*3002$^{F}$*). | California infer., (I. San Geronimo). |
| 4031. **dubius**. Allen — (*3002$^{G}$*). | California infer., (I. Todos Santos). |
| 4032. **cedrosensis**. Allen — (*3013$^{B}$*). | California infer., (I. Cerros). |
| 4033. **tiburonensis**. Mearns — (*3014$^{B}$*). | Mexico, Sinu Californiae. (I. Tiburon). |
| 4034. **eva**. Thomas — (*3033$^{B}$*). | California infer., (San José del Cabo). |
| 4035. **difficilis**. Allen — (*3040*). | Mexico, Zacatecas (Sierra de Valparaiso). |
| 4036. **bullatus**. Osgood, Proc. Biol. Soc. Wash., 1904, p. 63. | Vera Cruz (Perote). |
| 4037. **furvus**. Allen et Chapman — (*3018$^{B}$*). | Mexico, Vera Cruz. (Jalapa). |
| 4038. **madrensis**. Merriam — (*3031$^{B}$*). | I. Tres Marias (I. Maria Madre). |
| 4039. **oaxacensis**. Merriam — (*3034$^{C}$*). | Mexico, Oaxaca (Cerro San Felipe, 3300 m.). |
| 4040. **felipensis**. Merriam — (*3040$^{B}$*); Osgood, Proc. Biol. Soc. Wash., 1904, p. 53, fig. 1 A. | Oaxaca (Serro San Felipe, 3400 m.). |
| 4041. **amplus**. Osgood, Proc. Biol. Soc. Wash., 1904, p. 62. | Oaxaca (Coixtlahuaca), Puebla, Vera Cruz. |
| 4042. **melanotis**. Allen et Chapman — (*2998$^{C}$*). | Mexico, Vera Cruz (Las Vigas). |
| a. — **zamelas**. Osgood, Proc. Biol. Soc. Wash., 1904, p. 59. | Chihuahua (Colonia Garcia, 2230 m.). |
| 4043. **cecilei**. Thomas, Ann. Nat. Hist., 1903, XI, p. 486. | M$^{s}$ Orizaba (latere Merid., Camp Santa Barbara, 4170 m.). |
| 4044. **cozumelae**. Merriam, Proc. Biol. Soc. Wash., 1901, p. 103. | Yucatan Orient., (I. Cozumel). |
| 4045. **yucatanensis**, Allen et Chapman — (*3032*). | Yucatan (Chichen-Itza). |
| a. **badius**. Osgood, Proc. Biol. Soc., 1904, p. 70. | Mexico, Campeche, (Apazote). |
| 4046. **gratus**. Merriam — (*3040$^{C}$*). | Mexico (Tlalpam prope Mexico), Michoacan (Zamora). |

a. — **gentilis**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 61. — Jalisco (Lagos).

4047. **levipes**, Merriam — (*3040D*). — Mexico, Tlaxcala (Ms Malinche, 2800 m.).

4048. **hylocetes**, Merriam — (*3040E*). — Mexico, Michoacan, (Patzcuaro, 2600 m.).

4049. **musculoïdes**, Merriam — (*3041B*). — Mexico, Oaxaca, (Cuicatlan).

4050. **mecisturus**, Merriam — (*3041C*). — Mexico, Puebla (Chalchicomula, 2800 m.).

4051. **tehuantepecus**, Merriam — (*3034B*). — Oaxaca(Tehuantepec).

4052. **exiguus**, Allen — (*3002C*). — California infer., (I. San Martin).

4053. **gymnotis**, Thomas — (*3039*). — Guatemala.

4054. **cherriei**, Allen — (*3042*). — Costa-Rica, (La Carpintera).

4055. **nudipes**, Allen — (*3043*). — Costa-Rica, (La Carpintera).

4056. **guatemalensis**, Merriam — (*2997E*). — Guatemala (Todos Santos, 3300 m.).

4057. **caccabatus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 29, fig. 8—10. — Panama, Chiriqui (Boquete, 1300—2730 m.).

## B. **Haplomylomys**, Osgood, 1904.

Osgood, Proc. Biol. Soc. Wash., 1904, p. 53, 54 et 75.

4058. **eremicus**, Baird — (*3014*); Elliot, l. c., 1901, p. 136. — Colorado Desert, Novo-Mexico, Arizona, California (Fort Yuma).

a. — **arenarius**, Mearns (*nec* Bangs, 1898); — (*3014a*); Elliot, l. c., 1901, p. 136. — Texas Sept. (Rio Grande, prope El Paso).

b. — **propinquus**, Allen — (*3014b*). — California infer., (San Pablo Point).

c. — **anthonyi**, Merriam — (*3028*); Elliot, l. c., 1901, p. 141. — Novo-Mexico (Grant Co., Camp Apache), Arizona.

d. — **phaeurus**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 75. — Mexico, San Luis Potosi, (Hacienda La Parada), Zacatecas, Bueno Leon.

4059. **californicus**, Gambel — (*3018*); Elliot, l. c., 1901, p. 137; Osgood, l. c., 1904, p. 53, fig. 1*B*. — California Merid. et Occid. Monterey, M$^s$ Santa Cruz), Mexico, (Fort Tejon).

4060. **goldmani**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 75. — Mexico, Sonora, (Alamos).

C. **Baiomys**, True, 1894.

True, Proc. U. S. National Museum, XVI, 1894, p. 758.

4061. **taylori**, Thomas — (*3029*); Elliot, l. c., 1901, p. 141. — Texas Merid. (San Diego, Duval Co.).

4062. **musculus**, Merriam — (*3041*). — Mexico, Colima, (urbi Colima).

**a.** — **brunneus**, Allen — (*3041b*). — Vera Cruz (Jalapa).

**b.** — **nigrescens**, Osgood, Proc. Biol. Soc. Wash., 1904, p. 76. — Mexico, Chiapas, (Vallo Comitan).

4063. **allex**, Osgood, l. c., 1904, p. 76. — Mexico, (Colima), Jalisco.

4064. **paulus**, Allen, Bull. Amer. Mus., 1903, p. 598. — Mexico (Durango Sept.-Occident.).

663. **Megadontomys**, Merriam, 1898.

Merriam, Proc. Biol. Soc. Wash., 1898, p. 115 (subgenus); Bangs, Bull. Mus. Comp. Zool., 1902, p. 27 (bonum genus).

4065. **thomasi**, Merriam — (*2997$^B$*). — Mexico, Guerrero, (M$^s$ prope Chilpancingo, 3200 m.).

4066. **nelsoni**, Merriam — (*2997$^C$*). — Mexico, Vera Cruz, (Jico, 2000 m.).

4067. **flavidus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 27, f. 5—7, p. 28. — Panama, Chiriqui (Boquete, ad 1730 m.).

664. **Thomasomys**, Coues, 1884.

*Rhipidomys* et *Oryzomys*, p., Thomas, 1882—1894. Coues, Amer. Natural., 1884, p. 1275 (subgenus); Thomas, Ann. Nat. Hist., 1898, I, p. 453 (bonum genus).

4068. **cinereus**, Thomas — (*3044*). — Peru Sept. et Centrali (Maragnioc).

4069. **taczanowskii**, Thomas — (*3045*). — Peru Sept., (Tambillo).

4070. **pyrrhonotus**, Thomas — (*3046*). — Peru Centrali-Sept., (Tambillo).

4071. **kalinowskii**, Thomas — (*3047*). — Peru Centrali-Orient., (Vallo Vitoc).

4072. **incanus**, Thomas — (*3048*). — Peru Centrali-Or., (Vallo Vitoc).

4073. **paramorum**, Thomas — (*3048B*). — Equator (Paramo, prope Ms Chimborazo).

## 665. **Rhipidomys**, Tschudi, 1844.

*Nyctomys*, p., Saussure, 1860; *Myoxomys*, Tomes, 1861; *Tylomys*, p., Trt., 1897.

Tschudi, Archiv. für Naturg., 1844, I, p. 252.

4074. **leucodactylus**, Tschudi — (*3049*). — Peru Orient. et Sept.

4075. **goodfellowi**, Thomas, Ann. Nat. Hist., 1900, V, p. 270. — Amazonia (Rio Napo Sup., ad oscul. Rio Coca).

4076. **latimanus**, Tomes — (*3049b*). — Equator, (Pallatanga).

4077. **couesi**, Allen et Chapm. (nec Alston) — (*3059*, sub.: *Tylomys*); Thomas, l. c., 1900, V, p. 270. — I. Trinitad (Princes-town).

4078. **ochrogaster**, Allen, Bull. Amer. Mus., 1901. p. 43. — Peru Merid.-Orient. (Inca Minas, 2000m.).

4079. **pyrrhorhinus**, Wied — (*3050*). — Brasil Or. et Merid., Bahia, Minas-Geraes, Rio Grande do Sul.

4080. **mastacalis**, Lund — (*3051*). — Brasil Merid., Lagoa-Santa.

4081. **macrurus**, Gervais — (*3052*). — Brazil, Bahia.

4082. **venezuelae**, Thomas — (*3052b*); Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 92. — Venezuela (Merida, 1630 m.). Puebla Viejo (usque ad 2500 m.).

a. — **cumananus**, Thomas, Ann. Nat. Hist., 1900, p. 271. — Cumana, Ipure (700 m., Quebrada Secca).

4083. **venustus**, Thomas, Ann. Nat. Hist., 1900, V, p. 152. — Venezuela, Merida (Las Vegas del Chama).

4084. **nitela**, Thomas, l. c., 1900, V, p. 148. — Guiana Brit., (Mtes Kanuku).

4085. **maccomelli**, Winton, Trans. Linn. Soc. VIII, 1900, p. 52. — Guiana Brit.

4086. **sclateri**, Thomas — (*3055*). Guiana, Demerara.

4087. **bicolor**, Tomes — (*3056*). Equator Occid., (Guayaquil).

4088. **dryas**, Thomas, Ann. Nat. Hist., 1900, V, p. 271. Equator Sept., (Paramba, 1100 m.).

4089. **benevolens**, Thomas, l. c., 1901, VII, p. 369. Bolivia ad fl. Beni Super. (Chimate).

4090. **microtis**, Thomas — (*3057b*). Colombia. (Cundimarca Occid.).

4091. **phaeotis**, Thomas, Ann. Nat. Hist., 1901, VII, p. 181. Peru Merid.-Or., (Vallo super. Inambari, 1000 m.).

4092. **rufescens**, Thomas — (*3057*). Brasil Merid., (Rio Janeiro).

4093. **fulviventer**, Thomas — (*3057c*). Colombia, (Cundimarca Occid.).

4094. **marmosurus**, Thomas, Ann. Nat. Hist., 1899, IV, p. 378. Orinoco Super., (Maipures).

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## 666. **Nyctomys**, Saussure, 1860.

*Myoxomys*, p., Tomes, 1861; *Rhipidomys*, p., Trt., 1897.
De Saussure, Revue et Magas. Zool., 1860, p. 106; Bangs, 1902.

4095. **sumichrasti**, Saussure — (*3053*). Mexico Merid., (Vera Cruz), Honduras (Belize), Guatemala (Dueñas).
*salvini*, Tomes, 1861.

4096. **nitellinus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 30, fig. 11, 12, p. 31. Panama (Chiriqui, Boquete, 1300 –2000 m.).

4097. **decolorus**, True — (*3054*); Bangs, l. c., 1903, p. 158. Honduras (Rio de las Piedras, Yaruca, 330 m.).

## 667. **Ototylomys**, Merriam, 1901.

Merriam, Proc. Wash. Acad. Sc., 1901, p. 561.

4098. **phyllotis**, Merriam, l. c., 1901, p. 562. Yucatan, (Tunkas).

a. — **phaeus**, Merriam, l. c., 1901, p. 563. Campeche, Yohaltun (Apazote).

[1]) Sous le nom vulgaire de »*Mus*«, Philippi *(Anal. Mus. Nac. Chile, Zool., 1900)*, a décrit et figuré les espèces suivantes qui pourraient être du genre **Rhipidomys**: *glirinus, megalotis, campestris, macrocercus, araucanus, mollis*, etc., et qui sont du Chili.

## 668. **Tylomys,** Peters, 1866.

*Neomys*, Gray, 1873.
Peters, Monatsbericht Akad. Wiss. Berlin, 1866, p. 404.

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| 4099. **mirae**, Thomas, Ann. Nat. Hist., 1899, IV, p. 278. | Equator Sept., (Paramba, Rio Mira, 1100 m.). |
| 4100. **nudicaudus**, Peters — (*3058*). | Guatemala, Costa-Rica. |
| 4101. **panamensis**, Gray — (*3060*). | Panama, Colombia (Medellin). |
| 4102. **tumbalensis**, Merriam, Proc. Wash. Acad. Sc., 1901, p. 560. | Mexico, Chiapas (Tumbala). |
| 4103. **bullaris**, Merriam, l. c., 1901, p. 561. | Mexico, Chiapas (Tuxtla). |
| 4104. **watsoni**, Thomas, Ann. Nat. Hist., 1899, IV, p. 278; Merriam, l. c., 1901, p. 32. | Panama, Chiriqui (Bogava, 250 m.). |

## 669. **Holochilus,** Brandt, 1835.

*Mus*, p., Auct.
Brandt. Mém. Acad. Sc. St Petersb., III, 1835, p. 428.

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| 4105. † **multannus**, Ameghino — (*3062*). | †Pliocaen. Argentina. |
| 4106. **brasiliensis**, Desmarest — (*3063*). | Brasil, Amazonia, Ypanema. |
| 4107. **vulpinus**, Brants (nec Lund) — (*3064*). | Argentina, Corrientes, Uruguay. |
| 4108. **darwini**, Thomas — (*3065*). | Patagonia Orient., Porto Allegre. |
| *brasiliensis*, Waterh. (nec Desm.). | |
| 4109. **sciureus**, Wagner — (*3066*). | Brasil Merid., San Paulo, Lagoa Santa |
| 4110. **guianae**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 149. | Guiana Britann., Mtes Kanuku. |
| 4111. **canellinus**, Wagner — (*3067*). | Uruguay, Argentina. |
| *anguya*, Brandt (nec Azara). | » |
| 4112. **nanus**, Thomas — (*3068*). | Amazonia infer., I. Marijo. |
| 4113. **physodes**, Lichtenstein — (*3069*). | Brasil, Amazonia. |
| **a.** — **leucogaster**, Brandt (nec Natterer), — (*3069 a*). | Brasil, Ypanema, San Paulo. |
| 4114. **russatus**, Wagner — (*3070*). | Brasil, Amazonia, Ypanema. |

4115. **lutescens**, Gervais — (*3071*); Philippi, Anal. Mus. Nac. Chile, Zool., 1900, p. 34, pl. 13, f. 2. — Chili.

4116. **simpsoni**, Philippi, l. c., 1900, p. 29, pl. 10, f. 1. — Patagonia Chilena, I. San Domingo.

4117. ?**agilis**, Philippi, l. c., 1900, p. 44, pl. 18, f. 2. — Chili (Illapel).

## 670. **Nectomys**, Peters, 1861.

*Mus*, p., Brants et Auct; *Potamys*, Liais; *Hesperomys*, p., Auct. Peters, Abhandl. Akad. Wiss. Berlin, 1860 (1861), p. 151.

4118. **squamipes**, Brants — (*3072*). — Guiana, Brasil Or. et Merid., Minas-Geraës, Lagoa-Santa, Rio Grande do Sul.

*brasiliensis*, Pictet (nec Desmarest).

†*brasiliensis* (Pictet) Liais. — †Pleistocaen. Brasil.

4119. **rattus**, Pelzeln — (*3073*). — Amazonia, Rio Negro Super.

4120. **apicalis**, Peters — (*3074*). — Equator Occ., Peru Centrali, Nicaragua.

*squamipes*, p., Tomes.

4121. **garleppi**, Thomas, Ann. Nat. Hist., 1899, III, p. 41. — Peru, Cuzco, Ocabamba.

4122. **palmipes**, Allen et Chapman — (*3075*). — I. Trinitad.

4123. **grandis**, Thomas — (*3076*). — Colombia, (Medellin, Concordia).

4124. **saturatus**, Thomas — (*3076$^{B}$*). — Equator Sept., (Ibarra).

4125. **magdalenae**, Thomas — (*3077*). — Colombia (fl. Magdalena, Cundimarca).

4126. **fulvinus**, Thomas — (*3078*). — Equator (Quito).

4127. **russulus**, Thomas — (*3078$^{B}$*). — Colombia (Valdivia, 1200 m.).

4128. **esmeraldarum**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 250. — Equator Sept.-Occ., (Rio Esmeraldas. S. Javier).

## 671. **Sigmodon**, Say et Ord, 1825.

*Deilemys*, Saussure, 1860; *Arvicola*, p., Aud. et Bachm., 1853. Say et Ord, Journ. Acad. Philad., 1825, p. 352.

### Recognitio.

1902. — Vernon Bailey, Synopsis of the North-Amer. Species of *Sigmodon* (Proc. Biol. Soc. Wash., 1902, p. 101—116).

4129. **hispidus**, Say et Ord — (*3079*); Elliot, Field Columb. Mus., II, 1901, p. 144, f. 31, p. 143; Bailey, l. c., 1902, p. 104. — Florida (fl. S$^{t}$ Johns), à Carolina Sept. ad Floridam Sept., Louisiana.

a. — **littoralis**, Chapman — (*3079a*); Elliot, l. c., 1901, p. 144; Bailey, l. c., 1902, p. 104. — Florida Peninsula Or., à Lac. Harney ad Everglades.

b. — **spadicipygus**, Bangs — (*3079aa*); Elliot, l. c., 1901, p. 145; Bailey, l. c., 1902, p. 105. — Florida Peninsula Merid., (Cape Sable).

c. — **texianus**, Aud. et Bachman — (*3079b*); Elliot, l. c., 1901, p. 144; Bailey, l. c., 1902, p. 105. — Texas Orient. (fl. Brazos), Kansas (Cairo).

d. — **berlandieri**, Baird — (*3079b part.*); Bailey, l. c., 1902, p. 106.
*pallidus*, Mearns — (*3079d*). — Mexico, Coahuilla (Rio Nazas), Texas, Novo-Mexico, usque ad Jalisco Merid.

e. — **eremicus**, Mearns — (*3079e*); Elliot, l. c., 1901, p. 145; Bailey, l. c., 1902, p. 107. — Mexico, Sonora (Cienega Well), Vallo fl. Colorado infer. usque ad Californiam.

f. — **arizonae**, Mearns — (*3079c*); Elliot, l. c., 1901, p. 144; Bailey, l. c., 1902, p. 108. — Arizona (Fort Verde).

g. — **mascotensis**, Allen — (*3083*); Bailey, l. c., 1902, p. 108.
*colimae*, Allen — (*3084*). — Mexico, Jalisco (San Sebastian, Mascota), Colima, Oaxaca.

h. — **tonalensis**, Bailey, l. c., 1902, p. 109. — Mexico, Chiapas (Tonala), Oaxaca Or.

i. — **major**, Bailey, l. c., 1902, p. 109. — Mexico, Sinaloa (Sierra de Choix).

j. — **toltecus**, Saussure — (*3080*); Bailey, l. c., 1902, p. 110. — Mexico, Vera Cruz, (Alta Mira, Tamaulipas, Orizaba).

k. — **saturatus**, Bailey, l. c., 1902, p. 111. — Mexico, Tabasco (Teapa), Chiapas, Guatemala.

l. — **microdon**, Bailey, l. c., 1902, p. 111. — Yucatan (Puerto Morelos), Campeche.

m. — **borucae**, Allen — (*3082*); Bangs, Bull. Mus. Comp. Zool., 1903, p. 158. — Costa-Rica (Boruca), Chiriqui, Honduras.

n. — **furvus**, Bangs, l. c., 1903, p. 15?. — Honduras (Ceiba).

4130. **austerulus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 32. — Panama, Chiriqui (Vulcan, Chiriqui, 3330 m.).

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| 4131. **alleni**, Bailey, l. c., 1902, p. 112. | Mexico, Jalisco (San Sebastian, Mascote), Tepic Merid. |
| 4132. **fulviventer**, Allen — (*3081*); Bailey, l. c., 1902, p. 113. | Mexico (Zacatecas, 2700 m.), Durango. |
| 4133. **baileyi**, Allen, Bull. Amer. Mus., 1903, p. 601. | Mexico (Durango Sept.-Occid.). |
| 4134. **melanotis**, Bailey, l. c., 1902, p. 114. | Mexico, Michoacan (Patzcuaro, 2300 m.). |
| 4135. **minimus**, Mearns — (*3085*); Elliot, l. c., 1901, p. 146; Bailey, l. c., 1902, p. 114; Allen, Bull. Amer. Mus., 1903, p. 600. | Novo-Mexico (Grant Co.), ad confin. Mexican., Arizona Sonora, Durango. |
| 4136. **ochrognathus**, Bailey, l. c., 1902, p. 115. | Texas (M$^{tes}$ Chisos, 2330 m.), Chihuahua. |
| 4137. **leucotis**, Bailey, l. c., 1902, p. 115. | Mexico, Zacatecas (M$^{tes}$ Valparaiso, 2230 m.). |
| 4138. **alticola**, Bailey, l. c., 1902, p. 116. | Mexico, Oaxaca (Cerro San Felipe, 3330 m.). |
| a. — **amoles**, Bailey, l. c., 1902, p. 116. | Queretaro (Pinal de Amoles, 2300 m.). |
| 4139. **sanctae-martae**, Banks, Proc. Biol. Soc. Wash., 1898, p. 189. | Colombia, (Santa-Marta), Sierra Nevada, 2700 m. |
| 4140. **bogotensis**, Allen — (*3082$^{B}$*). | Colombia (Bogota). |
| 4141. **peruanus**, Allen — (*3080$^{B}$*). | Peru (Trujillo). |
| 4142. **simonsi**, Allen, Bull. Amer. Mus., 1901, p. 40. | Peru Sept.-Occ., prope Mare (Eten). |
| 4143. **puna**, Allen, Bull. Amer. Mus., 1903, p. 99. | Equator, I. Puña. |

## 672. **Sigmomys**, Thomas, 1901.

*Rheitrodon*, p., Thomas, 1880.
Thomas, Ann. Nat. Hist., 1901, VIII, p. 150 (nota).

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| 4144. **alstoni**, Thomas — (*3176*). | Venezuela. |
| 4145. **savannarum**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 150 (nota). | Guiana Britan., in Savannis. |

## 673. **Megalomys**, Trt., 1881.[1])

*Mus* et *Holochilus*, p., Auct.;
*Moschomys*, Trt., 1903 (nec Billberg, 1828); *Oryzomys*, p., Major, 1901.
Trouessart, Le Naturaliste, 1881, p. 5 *(subgenus)*.

4146. † **majori**, n. sp. — † Pleistocaen. Antillas (I. Barbados).
*nova sp.*, Major, Ann. Nat. Hist., 1901, VII, p. 206 (nom. nudum).

4147. **desmaresti**, Fischer, Synops. Mam., 1829, p. 316; Trouessart, Ann. Nat. Hist., 1903, XI, p. 385. — I. Martinica.
*pilorides*, Pallas — (*3061*); Allen, Bull. Amer. Mus., 1902, p. 20. — »
*piloris*, Major, l. c., 1901, VII, p. 205. — »

4148. **luciae**, Major, l. c., 1901, p. 206. — I. Sancta Lucia.
*pilorides*, p., Auct. — (*3061 part.*). — »

## 674. **Oryzomys**, Baird, 1857.

*Mus*, *Hesperomys* et *Calomys*, p., Auct.
Baird, Mamm. North-America, 1857, p. 458 et 482.

### Recognitiones.

1901. — **C. Hart Merriam**, Synopsis of the Rice Rats *(G. Oryzomys)* of the United States and Mexico (Proc. Wash. Acad. Sc., III, 1901, p. 273—295).
1902. — Rhoads, The Marsh or Rice-field Mice of the U. S. (Amer. Natur., 1902, p. 661).

### A. **Oryzomys.**

4149. **palustris**, Harlan — (*3086*); Elliot, Field Columb. Mus., II, 1901, p. 147; Merriam, Proc. Wash. Acad., 1901, p. 276; Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 92, pl. I, f. 1—1*b*. — United-States Or., (New-Jersey Merid.), Virginia (Dismal Swamp), Carolina, Texas Or., Kansas.
*texensis*, Allen — (*3086 b*); Elliot, l. c., 1901, p. 147. — »
**a.** — **oryzivorus**, Bachman — (*3086 part.*); Rhoads, Amer. Natur., 1902, p. 662. — Carolina Merid.-Or., (à Charleston ad fl. Savannah).

4150. **natator**, Chapman — (*3086 a*); Elliot, l. c., 1901, p. 147; Merriam, l. c., 1901, p. 277. — Florida (Gainsville).
**a.** — **floridanus**, Merriam, l. c., 1901, p. 277; Rhoads, Amer. Natur., 1902, p. 663. — Florida, Monroe Co., (Everglade); Cap Sable.
*coloratus*, Bangs — (*3086 a a*); Elliot, l. c., p. 148.

[1]) Conformément aux régles de nomenclature établies par les Congrès Zoologiques. *Megalomys* et *Megamys* sont deux noms différents qui peuvent être conservés pour désigner deux genres distincts.

4151. **aquaticus**, Allen — (*3088*); Elliot, l. c., 1901, p. 147; p. 146, fig. 32; Merriam, l. c., 1901, p. 277. — Texas (Brownsville).

4152. **peninsulae**, Thomas — (*3090B*); Merriam, l. c., 1901, p. 278. — Mexico, California peninsula (Santa Anita).

4153. **nelsoni**, Merriam — (*3089B*); Merriam, l. c., 1901, p. 278. — I. Tres Marias (Maria Madre).

4154. **albiventer**, Merriam, l. c., 1901, p. 279. — Mexico, Jalisco, (Ameca).

4155. **cozumelae**, Merriam, Proc. Biol. Soc. Wash., 1901, p. 103; id., l. c., 1901, p. 280. — Yucatan Or., (I. Cozumel).

4156. **fulgens**, Thomas — (*3093*); Merriam, Proc. Wash. Acad., 1901, p. 280. — Mexico Merid. (?Vallo Mexico).

4157. **crinitus**, Merriam, l. c., 1901, p. 281. — Mexico, Federal District (Tlalpam).

a. — **aztecus**, Merriam, l. c., 1901, p. 282. — Morelos (Yantepec), Tehuantepec.

4158. **mexicanus**, Allen — (*3089*); Merriam, l. c., 1901, p. 283. — Jalisco (Tonila, Hacienda San Marcos), et Mexico Occ., Sinaloa, usque ad Tehuantepec.

a. — **peragrus**, Merriam, l. c., 1901, p. 283. — San Luis Potosi, (Rio Verde).

4159. **richmondi**, Merriam, l. c., 1901, p. 284. — Nicaragua (Escondido River).

4160. **jalapae**, Allen — (*3089C*); Merriam, l. c., 1901, p. 284. — Mexico, Vera Cruz (Jalapa), Oaxaca.

a. — **rufinus**, Merriam, l. c., 1901, p. 285. — Vera Cruz (Catemaco).

4161. **zygomaticus**, Merriam, l. c., 1901, p. 285. — Guatemala (Nenton).

4162. **teapensis**, Merriam, l. c., 1901, p. 286. — Mexico, Tabasco, (Teapa).

4163. **bulleri**, Allen — (*3091*); Meriam, l. c., 1901, p. 286. — Mexico, Jalisco, (Vallo de Banderas).

4164. **rufus**, Merriam, l. c., 1901, p. 287. — Mexico, Tepic, (Santiago).

4165. **couesi**, Alston — (*3090*); Merriam, l. c., 1901, p. 287; Bangs, Bull. Mus. Comp. Zool., 1903, p. 159. — Guatemala (Coban), Chiapas (Tumbala), Honduras, Yaruca.

4166. **goldmani**, Merriam, l. c., 1901, p. 288. — Mexico, Vera Cruz (Coatzacoalcos).

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| 4167. **chapmani**, Thomas — (*3094*[B]); Merriam, l. c., 1901, p. 289. | Mexico, Vera Cruz (Jalapa). |
| **a.** — **caudatus**, Merriam, l. c., 1901, p. 289. | Oaxaca (Comaltepec). |
| **b.** — **saturatior**, Merriam, l. c., 1901, p. 290. | Chiapas (Tumbala). |
| **c.** — **dilutior**, Merriam, l. c., 1901, p. 290. | Puebla (Huauchinango). |
| 4168. **palatinus**, Merriam, l. c., 1901, p. 290. | Tabasco (Teapa). |
| 4169. **hylocetes**, Merriam, l. c., 1901, p. 291. | Chiapas (Chicharras). |
| 4170. **rhabdops**, Merriam, l. c., 1901, p. 291; Bangs, Bull. Mus. Comp. Zool., 1903, p. 158. | Guatemala (Calel, 3330 m.). Honduras (Yaruca). |
| 4171. **angusticeps**, Merriam, l. c., 1901, p. 292. | Guatemala (Vulcan. Santa Maria). |
| 4172. **melanotis**, Thomas — (*3094*); Merriam, l. c., 1901, p. 292. | Mexico Occ., Jalisco, (San Sebastian). |
| 4173. **rostratus**, Merriam, l. c., 1901, p. 293. | Puebla(Metlaltoyuca), Mexico Orient., Tamaulipas, Campeche. |
| **a.** — **megadon**, Merriam, l. c., 1901, p. 294. | Tabasco (Teapa). |
| 4174. **yucatanensis**, Merriam, l. c., 1901, p. 294. | Yucatan (Chichenitza). |
| 4175. **antillarum**, Thomas — (*3090*[C]). *?saccharivorus*, Gosse, 1851. | I. Jamaïca. |
| 4176. **victus**, Thomas — (*3126*[B]). | I. Sancti-Vincentis. |
| 4177. **sanctae-martae**, Allen, Bull. Amer. Mus., 1899, p. 207. | Colombia, Sta Marta, (Bonda). |
| 4178. **modestus**, Allen, Bull. Am. Mus., 1899, p. 212. | Venezuela (Campo Alegre, 1000 m.). |
| 4179. **tenuicauda**, Allen, Bull. Am. Mus. 1899, p. 211. | Venezuela, (Las Palmales). |
| 4180. **velutinus**, Allen — (*3097*). | I. Trinitad. |
| 4181. **talamancae**, Allen — (*3095*). | Costa-Rica (Talamanca). |
| 4182. **albigularis**, Tomes — (*3096*). | Mexico Merid., Guatemala, Equator Occid. |
| 4183. **speciosus**, Allen — (*3105*). | I. Trinitad. |
| 4184. **trinitatis**, Allen (*3106*). | I. Trinitad. |
| 4185. **palmarius**, Allen, Bull. Amer. Mus., 1899, p. 210. | Venezuela (Quebrada Sena). |
| 4186. **alfaroi**, Allen — (*3123*). | Costa-Rica (San Carlos). |

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| 4187. **panamensis**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 252. | Panama (urbi Panama). |
| 4188. **tectus**, Thomas, l. c., 1901, VIII, p. 251. | Panama, Chiriqui (Bogaba, 270 m.). |
| 4189. **devius**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 34, fig. 13—14. | Panama, Chiriqui (Boquete, 1700 m.). |
| 4190. **meridensis**, Thomas — (*3098*); Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 92. | Venezuela (Merida). |
| 4191. **villosus**, Allen, Bull. Amer. Mus., 1899, p. 210. | Colombia (Santa Marta, Valparaiso, 1500 m.). |
| 4192. **vestitus**, Thomas — (*3098B*); id., l. c., 1898, p. 318. | Venezuela, Merida (Rio Milla, 1630 m.), Equator. |
| 4193. **niveipes**, Thomas — (*3151*). | Colombia (Cundimarca). |
| 4194. **childi**, Thomas — (*3099*); Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 92. | Colombia (Bogota). |
| 4195. **baeops**, Thomas, Ann. Nat. Hist., 1899, III, p. 152. | Equator (Vallo Chillo, 3500 m.). |
| 4196. **balneator**, Thomas, l. c., 1900, V, p. 273. | Equator Or., (Mirador, prope Baños, 1500 m.). |
| 4197. **maculiventer**, Allen, Bull. Amer. Mus., 1899, p. 204; Nelson l. c., 1900, p. 92. | Colombia, Sta Marta (Sierra El Libano, 2000 m.). |
| 4198. **princeps**, Thomas — (*3100*). | Colombia (Bogota). |
| 4199. **musculipes**, Pictet — (*3144*). | Equator, Nicaragua. |
| 4200. **fulviventer**, Allen, Bull. Amer. Mus., 1899, p. 212. | Venezuela (Quebrada Secca). |
| 4201. **flavicans**, Thomas — (*3107*). | Venezuela (Merida). |
| a. — **subluteus**, Thomas — (*3107b*). | Equator (Cundimarca Occid.). |
| b. — **illectus**, Bangs — (*3107c*); Nelson, l. c., 1900, p. 94. | Colombia (Pueblo Viejo, 3700 m.). |
| 4202. **trichurus**, Allen, Bull. Amer. Mus., 1899, p. 206. | Colombia (Bonda, El Libano). |
| 4203. **gracilis**, Thomas — (*3134*). | Colombia, Medellin (Concordia); Nicaragua (Menagua). |
| 4204. **mollipilosus**, Allen, Bull. Amer. Mus., 1899, p. 208. | Colombia, Sta Marta. (Valparaiso, 1500 m.). |

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| 4205. **magdalenae**, Allen, Bull. Amer. Mus., 1899, p. 209. | Colombia (Minca, Valparaiso). |
| 4206. **bolivaris**, Allen, l. c., 1901, p. 405. | Equator (Bolivar, Porvenir, 1800 m.). |
| 4207. **perenensis**, Allen, l. c., 1901, p. 406. | Peru, Dep$^{t}$. Junin (Perené). |
| 4208. **rivularis**, Allen, l. c., 1901, p. 407. | Equator Sept., (Rio Verde, 1070 m.). |
| 4209. **yunganus**, Thomas, Ann. Nat. Hist., 1902, IX, p. 130. | Bolivia (Charuplaya, 1350m.). |
| 4210. **nitidus**, Thomas, Ann. Nat. Hist., 1901, VII, p. 188. | Peru. (Rio Inambari). |
| 4211. **castaneus**, Allen, Bull. Amer. Mus., 1901, p. 406. | Equator Sept., (S$^{t}$ Javier). |
| 4212. **delicatus**, Allen et Chapman — (*3146*). | I. Trinitad. |
| 4213. **aureus**, Tomes — (*3101*). | Equator Occ. (Pallatanga). |
| 4214. **ferrugineus**, Thomas — (*3102*). | Brasil (Rio Janeiro). |
| 4215. **xantholaeus**, Thomas — (*3121*). | Peru Sept. (Tumbez). |
| 4216. **baroni**, Allen — (*3121$^{B}$*). | Peru (Malca Cajabamba, 2600 m.). |
| 4217. **stolzmanni**, Thomas — (*3129*); id., Ann. Nat. Hist., 1902, IX, p. 130. | Peru Sept., (Huambo Amable Maria), Choro, Charaplaya. |
| 4218. **destructor**, Tschudi — (*3135*). | Peru Orient. |
| 4219. **melanostoma**, Tschudi — (*3136*). | Peru Orient. |
| 4220. **praetor**, Thomas, Ann. Nat. Hist., 1900, V, p. 354. | Peru (M$^{s}$ Paramo, 4000 m.). |
| 4221. **keaysi**, Allen, Bull. Amer. Mus., 1900, p. 225; Thomas, l. c., 1901, p. 188. | Peru (Juliaca, 2000 m.), Rio Inambari. |
| 4222. **levipes**, Thomas, Ann. Nat. Hist., 1902, IX, p. 129. | Peru Merid.-Orient., (Puno), Bolivia Sept., (Choro, 3200 m.). |
| 4223. **peruvianus**, Peale — (*3137*). | Peru Occid. (Callao). |
| 4224. **galapagoensis**, Waterhouse — (*3120*). | I. Galapagos (I. Chatham). |
| 4225. **bauri**, Allen — (*3122*). | I. Galapagos. |
| 4226. **indefessus**, Thomas, Ann. Nat. Hist., 1899, IV, p. 280. | I. Galapagos (I. Indefatigable). |
| 4227. † **rex**, Winge — (*3113*). | † Pleistocaen. Brasil Merid. |

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| 4228. † **coronatus**, Winge — (*3114*). | † Pleistoc. Brasil. |
| 4229. † **anoblepas**, Winge — (*3127*). | † Pleistoc. Brasil. |
| 4230. † **plebejus**, Winge — (*3128*). | † Pleistoc. Brasil. |
| 4231. † **molitor**, Winge — (*3141*). | † Pleistoc. Brasil. |
| 4232. **anguya**, Azara — (*3103*). | Brasil Occ., (in Montibus), Amazonia, Paraguay. |
| 4233. **concolor**, Wagner — (*3104*). | Brasil Sept.-Occ., (Rio Curicuriari). |
| 4234. **goeldi**, Thomas — (*3111*). | Brasil Sept., (Amazonia infer.). |
| 4235. **orobinus**, Wagner — (*3115*). | Brasil, Amazonia, Ypanema, Nov.-Fribourg. |
| 4236. **brachyurus**, Wagner — (*3116*). | Brasil, Amazonia, Ypanema. |
| 4237. **eliurus**, Wagner — (*3133*); Thomas, Ann. Nat. Hist., 1902, IX, p. 60. | Brasil, Amazonia, Ypanema, Matto-Grosso, Paraña. |
| *pygmaeus* (Natt.), Wagner — (*3131*). — (pullus). | |
| 4238. **dorsalis**, Thomas, Ann. Nat. Hist., 1902, IX, p. 60. | Brasil Merid., Paraña. |
| 4239. **sublineatus**, Thomas, l. c., 1903, XII, p. 240. | Brasil (Espiritu-Santo, Victoria). |
| 4240. **auriventer**, Thomas, Ann. Nat. Hist., 1899, IV, p. 379. | Equator Orient., (Mirador, ad fl. Pastasa Super., 1500 m.). |
| 4241. **sylvaticus**, Thomas, l. c., 1900, V, p. 272. | Equator Merid., (Santa Rosa). |
| 4242. **ratticeps**, Hensel — (*3108*). | Brasil Merid., (Rio Grande do Sul). |
| 4243. **laticeps**, Lund — (*3109*), nec Winge; Thomas, Ann. Nat. Hist., 1901, VIII, p. 530; Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 93. | Brasil (Minas-Geraës), Lagoa Santa, Colombia (Pueblo Viejo, Palomina). |
| *saltator*, p., Winge. | » |
| a. — **intermedia**, Leche — (*3109a*). | Rio Grande do Sul. |
| b. — **nitidus**, Thomas — (*3109b*). | Peru Centrali. |
| 4244. **oniscus**, Thomas, Ann. Nat. Hist., 1904, XIII, p. 142. | Pernambuco (San Lourenço). |

4245. **subflavus**, Wagner, in Schreber, Säug., Suppl., III, 1843, p. 534; Thomas, Ann. Nat. Hist., 1901, VIII, p. 528. — Brasil, Minas-Geraës, (Lagoa Santa, Rio Jordão).
*vulpinoïdes*, Schinz — (*3112*). — »
*vulpinus*, Lund (nec Brants). — »
*laticeps*, Winge (nec Lund). — »

4246. **lamia**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 528. — Minas-Geraës, (Rio Jordão).

4247. **boliviae**, Thomas, l. c., 1901, VIII, p. 537. — Bolivia (fl. Beni Sup., Mapiri, 1200 m.).

4248. **cephalotes**, Desmarest — (*3110*). — Paraguay (Assomption).

4249. **cinnamomeus**, Pictet — (*3117*). — Brasil, Minas-Geraës, (Lagoa Santa).

4250. **arvicoloïdes** (Pictet), Wagner — (*3118*). — Brasil Or., (Bahia), et Merid., (Nov.-Fribourg), Equator (Pallatanga).

4251. **longicaudatus**, Bennet (*3126*); Philippi, Anales Mus. Nac. Chile, Zool., 1900, p. 34, pl. 14, f. 1. — Brasil Merid.-Or., Minas-Geraës, Nov.-Fribourg, Paraguay, Argentina, Chili, Patagonia, Terra de Fuoco.

a. — **flavescens**, Waterhouse — (*3126 a*). — A Rio Grande do Sul ad Patagoniam, (Rio Negro).

4252. **obtusirostris**, Allen, Bull. Amer. Mus., 1900, p. 225. — Peru (Juliaca, 2000 m.).

4253. **nigripes**. Desmarest — (*3132*). — Paraguay.

4254. **longitarsus**, Rengger — (*3139*). — Paraguay.

4255. **simplex**, Winge — (*3140*). — Brasil, Minas-Geraës, (Lagoa Santa).

4256. **tener**, Winge — (*3142*). — Minas-Geraës (Lagoa Santa).

4257. **venustus**, Thomas — (*3149*). — Argentina (Cordova).

4258. **coppingeri**, Thomas — (*3148*). — Patagonia Australi Terra de Fuoco.

4259. **philippii** (Landbeck) Philippi — (*3138, 3147*); Philippi, Anal. Mus. Nac. Chile, Zool., 1900, p. 26. [1] — Chili (Santiago).

[1]) Sous le nom vulgaire de »*Mus*«, Philippi (Anal. Mus. Chile, Zool., 1900), a décrit et figuré les espèces suivantes qui appartiennent probablement au Genre Oryzomys: *aethyops, capito, tarsalis, commutatus, nigribarbis, melanotis, ruficaudus, infans, diminutivus, fusco-ater, poecanus, platytarsus, pernix, leptodactylus, baedeckeri, cyaneus, griseoflavus, osorinus, lunatus, puerulus*, etc., toutes du Chili.

### B. **Melanomys**, Thomas, 1902.

*Zygodontomys*, p., Nelson, 1900; Bangs, 1902.
Thomas, Ann. Nat. Hist, 1902, X, p. 248.

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| 4260. **phaeopus**. Thomas — (*3119*); id., l. c., 1902, p. 248; Novit. Zool., 1903, p. 41. | Equator (Pallatanga). |
| **a.** — **obscurior**, Thomas — (*3119a*); Nelson, Proc. N.-Engl. Zool. Club, 1900, p. 95. | Colombia, Medellin, (Concordia, Pueblo Viejo, 2500 m.). |
| **b.** — **olivinus**, Thomas, Ann. Nat. Hist., 1902, X, p. 247. | Equator Merid., (Zaruma, 1000 m.). |
| 4261. **chrysomelas**, Allen — (*3125*); Bangs, Bull. Mus. Comp. Zool., 1902, p. 37 (*Zygodontomys*). | Costa-Rica (San Carlos, Pacuara, Suerre). Panama (Chiriqui, Bogaba). |

### C. **Oligoryzomys**, Bangs, 1900.

Bangs, Proc. New-Engl. Zool. Club, I, 1900, p. 94.

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| 4262. **navus**, Bangs, l. c., 1900, p. 95, pl. 1, fig. 2—2*b*. | Colombia, Pueblo Viejo (Sierra Nevada de S$^{ta}$ Marta, 1000 ad 2500 m.). |
| **a.** — **messorius**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 151. | Guiana Britann., (M$^{tes}$ Kanuku). |
| 4263. **fulvescens**, Saussure — (*3026a, 3089D*); Thomas, l. c., 1901, p. 152; Merriam, Proc. Wash. Acad., 1901, p. 295. | Mexico (Jalapa), Vera Cruz, Yucatan, Guatemala. |
| 4264. **costaricensis**, Allen — (*3124*); Thomas, l. c., 1901, p. 152; Baugs, Bull. Mus. Comp. Zool., 1902, p. 35. | Costa-Rica, (El General). |
| 4265. **minutus**, Tomes — (*3130, exclus. syn.:* Thomas, 1894). | Equator Occ. (Pallatanga). |
| **a.** — **humilior**, Thomas — (*3130b*); Bangs, l. c., 1900, p. 95. | Bogota, (Macotama). |
| 4266. **dryas**, Thomas — (*3130B*). | Equator (Pallatanga). |
| *minutus*, Thomas, 1894 (nec Tomes). | » |
| 4267. **vegetus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 35, f. 15, p. 36. | Panama, Chiriqui (Boquete, 1330 m.). |

D. **Erioryzomys**, Nelson, 1900.

Nelson, Proc. New-Engl. Zool. Club, 1900, p. 96.

4268. **monochromos**, Nelson, l. c., 1900, p. 96, pl. 1, fig. 3—3*b*, et p. 97. — Colombia (Paramo de Macotama, Sierra Nevada de S^ta^ Marta 3500 m.).

4269. **laniger**, Thomas — (*3150*). — Colombia (Bogota).

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675. **Zygodontomys**, Allen, 1897.

*Oryzomys*, p., Allen, 1895; Thomas, 1894.
Allen, Bull. Amer. Mus., 1897, p. 38.

4270. **cherriei**, Allen — (*3166*); Bangs, Bull. Mus. Comp. Zool., 1902, p. 37. — Costa-Rica (Boruca), Panama (Chiriqui).

4271. **brevicauda**, Allen et Chapman — (*3167*, et *3092*). — I. Trinitad (Princestown).

**a.** — **tobagoi**, Thomas, Ann. Nat. Hist., 1900, V, p. 274. — I. Tobago.

4272. **seorsus**, Bangs, Amer. Natur., 1901, p. 642. — Panama (I. San Miguel).

4273. **microtinus**, Thomas — (*3152*). — Guiana (Surinam).

4274. **brunneus**, Thomas — (*3167^B^*). — Equator (Cundinamarca Occ., El Saibal).

4275. **thomasi**, Allen, Bull. Amer. Mus., 1901, p. 39. — Venezuela (Cumana Merid., Campo Alegre, 530 m.).

4276. **stellae**, Thomas, Ann. Nat. Hist., 1899, IV, p. 380. — Venezuela (Orinoco Sup., Maïpures).

4277. **expulsus**, Lund — (*3143*); Thomas, l. c., 1899, p. 380. — Brasil. Minas-Geraës (Lagoa-Santa).

[2])

676. **Neacomys**, Thomas, 1900.

*Oryzomys*, p., Thomas, 1882.
Thomas, Ann. Nat. Hist., 1900, V, p. 158.

4278. **spinosus**, Thomas — (*3145*); id., loc. cit., 1900, p. 158. — Peru Centrali (Huambo, Amable Maria).

**a.** — **tenuipes**, Thomas, l. c., 1900, p. 158. — Nova-Grenada. Bogota, (Vallo fl. Magdalena).

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[1]) Les *Oryzomys bœops* (Sp. 4195) et *O. niveipes* (Sp. 4193), appartiennent peut-être à ce sous-genre, ainsi que les *O. vestitus*, *O. villosus*, etc.

[2]) Les *Oryzomys brachyurus*, Wagner (Sp. 4236 suprà), et *Acodon lasiurus*, Lund (Sp. 3205 Catalogi), appartiennent probablement au Genre *Zygodontomys*.

## 677. **Chilomys,** Thomas, 1897.

*Oryzomys,* p., Thomas, 1895.
Thomas, Ann. Nat. Hist., 1897, XIX, p. 500.

4279. **instans**, Thomas — (*3153*). Colombia, Grenada, (Bogota).

## 678. **Æpeomys,** Thomas, 1898.

*Oryzomys?*, Thomas, 1896; *Thomasomys,* p., Trt., Catal., 1897.
Thomas, Ann. Nat. Hist., 1898, I, p. 452.

4280. **lugens**, Thomas — (*3048b, 3152B*). Venezuela, Merida, (La Loma del Morro, 3000 m.).

4281. **vulcani**, Thomas — (*3152C*). Equator (Ms Pichincha), Guatemala.

## 679. **Reithrodontomys,** Giglioli, 1873.

*Mus,* p., et *Hesperomys,* p., Auct.; *Reithrodon,* p., Le Comte, Baird (nec Waterh.); *Ochetodon,* Coues, 1874.
Giglioli, Ricerche intorno Dist. Geog. Gen., Roma, 1873, p. 160.

4282. **lecontei**, Audubon et Bachman — (*3154*); Elliot, Field Columb. Mus., II, 1901, p. 148, 149, fig. 33. United-States, Georgia, et à Carolina Merid. ad Floridam.

**a.** — **impiger**, Bangs — (*3154B*); Elliot, l. c., 1901, p. 149. Virginia Occid.. (White Sulphur Springs).

**b.** — **dickinsoni**, Rhoads, Amer. Natur., 1895, p. 590; Elliot, l. c., 1901, p. 150. Florida Peninsula Merid., Pasco Co., (Willow Oak).

4283. **merriami**, Allen — (*3155*); Elliot, l. c., 1901, p. 150. Texas (Alvin, Austin Bayou), et à Louisiana Merid.-Occ., ad Brazoria Co.

4284. **dychei**, Allen — (*3156*); Elliot, l. c., 1901, p. 150. Kansas (Lawrence), ad Missouri, Oklahoma, Nebraska, Iowa.

**a.** — **nebrascensis**, Allen — (*3156a*); Elliot, l. c., p. 150. Colorado, Fremont Co., (Canon City), ad Custer, Montana, Nebraska Sept.-Or.

4285. **montanus**, Baird — (*3157*); Elliot, l. c., 1901, p. 151. Montes Rupestres (San Luis Valley), Colorado?

4286. **megalotis**, Baird — (*3158*); Elliot, l. c., 1901, p. 151. — Sonora ad Nov.-Mexico, (Janos et San Luis Spring), Arizona, Utah.

a. — **deserti**, Allen — (*3158a*). — California, Nevada Merid., (Inyo Co.).

b. — **sestinensis**, Allen, Bull. Amer. Mus., 1903, p. 602. — Mexico, Durango Sept., (2500 m.).

c. — **obscurus**, Merriam, Proc. Wash. Acad., 1901, 558. — Mexico, Chihuahua, (Sierra Madre, Guadalupe y Calvo).

d. — **zacatecae**, Merriam, l. c., 1901, p. 557. — Zacatecas (M^tes^ Valparaiso).

4287. **longicaudus**, Baird — (*3159*); Elliot, l. c., 1901, p. 151. — California Occid., (Petaluma), à Mendocino Co., ad Monterey Co.

a. — **pallidus**, Rhoads — (*3159a*); Elliot, l. c., 1901, p. 152. — California Merid. et Infer., (S^ta^ Isabel), usque ad peninsulam merid.

4288. **klamathensis**, Merriam, North-Amer. Fauna, No 16, 1899, p. 93; Elliot, l. c., 1901, p. 152. — California Sept., (Vallo Shasta, Big Spring).

4289. **chrysotis**, Elliot, Field Columb. Mus., Zool., I, 1899, p. 281; II, 1901, p. 152. — Indian Territory (Dougherty).

4290. **arizonensis**, Allen — (*3160*); Elliot, l. c., 1901, p. 153. — Arizona Merid.-Or., (M^tes^ Chihuahua).

4291. **mexicanus**, Saussure — (*3161*). — Mexico, Vera-Cruz (Tehuacan), (Guatemala (Coban).
*tazamaca*, Gray.

a. — **intermedius**, Allen — (*3161a*); Elliot, l. c., 1901, p. 153. — Texas Merid., (Brownsville).

b. — **aurantius**, Allen — (*3161b*); Elliot, l. c., 1901, p. 153. — Louisiana (Lafayette), Texas Or., Arkansas.

4292. **laceyi**, Allen — (*3162*); Elliot, l. c., 1901, p. 153. — Texas Merid.-Or., (San Antonio, Watson's Ranch).

4293. **fulvescens**, Allen — (*3163*). — Mexico Sept., Sonora, (Oposura).

4294. **tenuis**, Allen, Bull. Amer. Mus., 1899, p. 15. — Mexico, Sinaloa (Rosario).

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| 4295. **saturatus**, Allen et Chapman — (*3158B*). | Mexico, Vera Cruz (Las Vigas). |
| a. — **alticola**, Merriam, Proc. Wash. Acad., 1901, p. 556. | Oaxaca (Cerro San Felipe, 3330 m.). |
| b. — **cinereus**, Merriam, l. c., 1901, p. 556. | Puebla (Chalchicomula). |
| 4296. **difficilis**, Merriam, l. c., 1901, p. 556. | Mexico, Vera Cruz (Orizaba, 1500 m.). |
| 4297. **dorsalis**, Merriam, l. c., 1901, p. 557. | Guatemala (Calel). |
| 4298. **tenuirostris**, Merriam, l. c., 1901, p. 547. | Guatemala (Todos Santos, 3330 m.). |
| a. — **aureus**, Merriam, l. c., 1901, p. 548. | Guatemala (Calel, 3370 m.). |
| 4299. **microdon**, Merriam, l. c., 1901, p. 548. | Guatemala, (Todos Santos, 3300 m.). |
| a. — **albilabris**, Merriam, l. c., 1901, p. 549. | Mexico, Oaxaca, (Cerro San Felipe, 3300 m.). |
| 4300. **chrysopsis**, Merriam, Proc. Biol. Soc. Wash., 1900, p. 152. | Mexico, (Popocatepetl). |
| a. — **tolucae**, Merriam, l. c., 1901, p. 549. | Mexico (Vulc. Toluca, Vers. Sept., 3800 m.). |
| 4301. **perotensis**, Merriam, l. c., 1901, p. 550. | Mexico, Vera Cruz (Cofra de Perote, 3150 m.). |
| 4302. **orizabae**, Merriam, l. c., 1901, p. 550. | Mexico, Puebla, (M$^{s}$ Orizaba, 3160 m.). |
| 4303. **colimae**, Merriam, l. c., 1901, p. 551. | Mexico, Jalisco (Sierra Nevada de Colima, 4000 m.). |
| a. — **nerterus**, Merriam, l. c., 1901, p. 551. | Sierra Nevada de Colima (2160 m.). |
| 4304. **costaricensis**, Allen — (*3164*); Bangs, Bull. Mus. Comp. Zool., 1902, p. 38. | Costa Rica (La Carpintera, 2000 m.), Chiriqui. |
| a. — **jalapae**, Merriam, l. c., 1901, p. 552. | Mexico, Vera Cruz, (Jalapa, 1330 m.). |
| 4305. **goldmanni**, Merriam, l. c., 1901, p. 552. | Puebla (Metlaltoyuca, 230 m.). |
| 4306. **rufescens**, Allen et Chapman — (*3161B*). | Mexico (Jalapa). |

4307. **hirsutus**, Merriam, l. c., 1901, p. 553. — Mexico, Jalisco, (Ameca, 1850 m.).

4308. **griseoflavus**, Merriam, l. c., 1901, p. 553. — Jalisco, (Ameca, 1330 m.).

a. — **helvolus**, Merriam, l. c., 1901, p. 554. — Oaxaca (urbi Oaxaca).

4309. **levipes**, Merriam, l. c., 1901, p. 554. — Mexico, Jalisco, (San Sebastian, 1000 m.).

a. — **otus**, Merriam, l. c., 1901, p. 555. — Jalisco (Sierra Nevada de Colima, 2160 m.).

b. — **toltecus**, Merriam, l. c., 1901, p. 555. — Vallo Mexico (Tlalpam).

4310. **australis**, Allen — (*3165*); Bangs, Bull. Mus. Comp. Zool., 1902, p. 37. — Costa-Rica, Guatemala, Chiriqui.

a. — **vulcanius**, Bangs, l. c., 1902, p. 38, fig. 16—17. — Panama (Vulc. Chiriqui, 3690 m.).

4311. **creper**, Bangs, l. c., 1902, p. 39, fig. 18—19. — Panama (Vulc. Chiriqui, 3800 m.).

4312. **södenströmi**, Thomas — (*3164B*). — Equator (Quito).

## 680. **Sigmodontomys**, Allen, 1897.

Allen, Bull. Amer. Mus. Nat. Hist., 1897, p. 38.

4313. **alfari**, Allen — (*3168*). — Costa-Rica (Jimenez).

## 681. **Eligmodontia**, F. Cuv., 1837.

*Calomys*, Waterh. (nec E. Geoff.); *Hesperomys* (s. s.), Waterh. et Auct.; »*Callomys*», Philippi; *Eligmodon*, Thomas, 1896; *Phyllotis*, p., Waterh., Allen, 1901.

Fréd. Cuvier, Ann. Sc. Natur., VII, 1837, p. 168.

4314. **typus**, F. Cuvier — (*3169*). — Argentina, Patagonia, Chili.

*elegans*, Waterhouse; Philippi, Anal. Mus. Chile, Zool., 1900, p. 7.

4315. **morgani**, Allen, Bull. Amer. Mus., 1901, p. 409. — Patagonia (Arroyo Else).

4316. **moreni**, Thomas — (*3170*). — Argentina (Rioja, 1200 m.).

4317. **griseoflava**, Waterhouse — (*3183*, *3183*); Thomas, P. Z. S., 1898, p. 210; Philippi, Anal. Mus. Chile, 1900, p. 8. — Patagonia Orient., (Chubut), Chili merid.

a. — **centralis**, Thomas, Ann. Nat. Hist., 1902, IX, p. 240. — Argentina (Cordova Centrali, Cruz del Eje).

4318. **chacoensis**, Allen, Bull. Amer. Mus., 1901, p. 408 (Phyllotis). — Paraguay (Chaco Sept.).

4319. **domorum**, Thomas, Ann. Nat. Hist., 1902, IX, p. 132, 223. — Bolivia (Tapacari, Cochabamba, 3000 m.), El Cabrado (3700 m.).

4320. **cachina**, Allen, Bull. Amer. Mus., 1901, p. 409 (Phyllotis). — Argentina, (Salta, fl. Cachi Super.).

4321. **callosa**, Rengger, Säug. Parag., 1830, p. 231, — (*3182* part.); (bona sp.), Thomas, 1901, (*nec* Phyllotis). — Paraguay.

a. — **boliviae**, Thomas, Ann. Nat. Hist., 1901, VIII. p. 253. — Bolivia (Rio Solocame, Astillero, 1200—2700 m.).

4322. **bimaculata**, Waterhouse — (*3171*). — Brasil Or. et Merid., Argentina, Patagonia Sept.

4323. **lepida**, Thomas — (*3171a*); (bona sp.), Thomas, 1901. — Peru Centrali.

4324. **sorella**, Thomas, Ann. Nat. Hist., 1900, VI, p. 297. — Peru Sept.-Occid., (Huamachuca, 3500 m.).

4325. **ducilla**, Thomas, Ann. Nat. Hist., 1901, VII. p. 182. — Peru Merid.-Or., (Lac Titicaca, San Anton, 3800 m.).

4326. **laucha**, Azara — (*3171b*); (bona sp.), Thomas, 1901. — Paraguay.

4327. **carilla**, Thomas, Ann. Nat. Hist., 1902, IX, p. 132, 223. — Bolivia, (Choro, 3500 m.).

4328. **gracilipes**, Waterhouse — (*3172*). — Argentina Merid., Patagonia.

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## 682. **Neotomys**, Thomas, 1894.

Thomas, Ann. Nat. Hist., XIV, 1894, p. 348.

4329. **ebriosus**, Thomas — (*3173*); id., Ann. Nat. Hist., 1900, VI, p. 299. — Peru Centrali-Or., (Vallo Vitoc, Galera, 4800 m.).

[1]) Sous le nom vulgaire de »*Mus*«, Philippi (Anales Mus. Nac. Chile, Zool., 1900), a décrit et figuré les espèces suivantes qui pourraient appartenir au Genre **Eligmodontia**: — *pusillus, saltator, melanonotus, agilis, subrufus, longibarbus, coquimbensis*, etc., toutes du Chili. — Sous le nom vulgaire d'»*Hesperomys*«, Philippi (l. c., 1896, p. 19—22) avait précédemment décrit les espèces suivantes: — *glirinus, lanatus, puerulus, dolichonyx, cinnamomeus*, du Chili.

683. **Reithrodon,** Waterhouse, 1837; (emend.) Thomas, 1901.

Waterhouse, Proc. Zool. Soc., 1837, p. 30.

4330. **cuniculoïdes**, Waterhouse — (*3175*); Thomas, Ann. Nat. Hist., 1901, VIII, p. 254. — Patagonia Orient., (Port Désiré, Rio Santa Cruz).

a. — **obscurus**, Allen, Bull. Amer. Mus., 1903, p. 190. — Punta-Areñas.

4331. **hatcheri**, Allen, l. c., 1903, p. 191. — Patagonia Occ. (ad fontes fl. Rio Chico).

4332. **typicus**, Waterhouse — (*3174*); Thomas, l. c., 1901, p. 254. — Argentina (Maldonado, Paraná).

†*fossilis*, H. Gerv. et Amegh. — † Pleistoc. Argentina.

684. **Euneomys,** Coues, 1874.

*Reithrodon*, p., Waterh., 1839.

Coues, Proc. Acad. Nat. Sc. Philad., 1874, p. 185 (in nota: subgenus); Thomas, Ann. Nat. Hist., 1901, VIII, p. 254 (genus).

4333. **chinchilloïdes**. Waterhouse — (*3177*). — Terra de Fuoco.

4334. **petersoni**, Allen, Bull. Amer. Mus., 1903, p. 192. — Patagonia. (Rio Chico Sup.. ad Cordilleras).

4335. **fossor**, Thomas, Ann. Nat. Hist., 1899, IV, p. 280. — Argentina sept., (Reg. Salta).

4336. **sublimis**, Thomas, Ann. Nat. Hist., 1900, VI, p. 467; 1901, VIII, p. 254; 1902, IX, p. 226. — Bolivia Sept., (Cosmini, 4300 m., Livichuco, 4550 m.), usque ad Peru, (Rinconado Malo, 5500 m.).

4337. **pictus**, Thomas — (*3178*); Thomas, l. c., 1901, p. 254; (»*Phyllotis aberrant*«), fide Allen, Bull. Am. Mus., 1903, p. 192. — Peru centrali (in Cordilleras, 6000 m.).

685. **Phyllotis,** Waterh., 1837.

*Hesperomys*, p., Gerv., 1847, et Auct.

Waterhouse, Proc. Zool. Soc., 1837, p. 28.

4338. †**bravardi**. Burmeister — (*3180*). — † Pleistocaen. Argentina.

4339. **darwini**, Waterhouse — (*3179*); Philippi, Anal. Mus. Chile, 1900, p. 11, pl. 2, f. 1. — Chili (Coquimbo), Peru.

4340. **wolffsohni**, Thomas, Ann. Nat. Hist., 1902, IX, p. 131. — Bolivia, Tapacari (Cochabamba, 3000 m.).

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| 4341. **haggardi**, Thomas — (*3179B*). | Equator (M$^s$ Pichincha, 4000 m.). |
| 4342. **lutescens**, Thomas, Ann. Nat. Hist., 1902, IX, p. 131. | Bolivia, Choro, (Chaquemacate, 4000 m.). |
| 4343. **amicus**, Thomas, Ann. Nat. Hist., 1900, V, p. 355 (*amicus typicus*); VI, p. 297. | Peru Sept.-Occ., Cajamarca (Tolon, Eten, Reque, Chosica prope Lima). |
| a. — **maritimus**, Thomas, l. c., 1900, VI, p. 296. | Peru Sept.-Occ., (in litt. maris, Eten, 20 m.). |
| b. — **montanus**, Thomas, l. c., 1900, VI, p. 297. | Uramarca prope Pallasca (1200 m.). |
| 4344. **osilae**, Allen, Bull. Amer. Mus., 1901, p. 44. | Peru (Osila, 4000 m.). |
| 4345. **arenarius**, Thomas, Ann. Nat. Hist., 1902, IX, p. 224. | Bolivia, Potosi, (4000 m.). |
| 4346. **boliviensis**, Waterhouse — (*3181*); Allen, Bull. Amer. Mus., 1901, p. 44; Thomas, Ann. Nat. Hist., 1902, IX, p. 131. | Bolivia, Potosi (4500 m.), Peru (San Antonio, Tirapata). |
| a. — **flavidior**, Thomas, l. c., 1902, X, p. 248. | Peru, Caylloma (Bateas, 4500 m.). |
| 4347. **hirtipes**, Thomas, l. c., 1902, IX, p. 225. | Bolivia, Oruro, (Lac. Poopo, Pampa Aullaga, 3800 m.). |
| 4348. **gerbillus**, Thomas, l. c., 1900, V, p. 151. | Peru Sept.-Occid., (Piura, Catacaos). |
| 4349. **garleppi**, Thomas — (*3181B*). | Bolivia (M$^s$ Sahama, 4000 m.). |
| 4350. **auritus**, Desmarest — (*3182*, excl. syn.; »*callosus*«). | Paraguay, Brasil Merid., Argentina. |
| *pyrrhogaster*, Wagner. | » |
| 4351. **xanthopygus**, Waterhouse (*3184*). | Patagonia Merid., (Rio Santa-Cruz). |

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[1]) Sous le nom vulgaire de »*Mus*«, Philippi (Anales Mus. Nac. Chile Zool., 1900) a décrit et figuré les espèces suivantes qui pourraient appartenir aux genres Reithrodon, Euneomys ou Phyllotis: *dichrous, megalotis, illapelinus, platytarsus, longicaudatus*, etc., — toutes du Chili.

### 686. **Chinchillula,** Thomas, 1898.

O. Thomas, Ann. Nat. Hist., 1898, I, p. 280.

4352. **sahamae**, Thomas — (*3184B*); id., P. Z. S., 1902, pl. IX, f. 5—7. — Bolivia (M$^s$ Sahama, 4000 m.), Peru, Caylloma.

### 687. **Andinomys,** Thomas, 1902.

O. Thomas, Proc. Zool. Soc., 1902, II, p. 116.

4353. **edax**, Thomas, P. Z. S., 1902, II, p. 116, pl. IX, fig. 1—4 et 6; Ann. Nat. Hist., 1902, IX, p. 225. — Bolivia, (El Cabrado, inter Potosi et Sucre, 3700 m.).

### 688. **Scapteromys,** Waterh., 1837.

*Hesperomys*, p., Auct.
Waterhouse, Proc. Zool. Soc., 1837, p. 15.

4354. † **fronto**, Winge — (*3189*). — † Pleistocaen. Brasil.

4355. **tumidus**. Waterhouse — (*3185*); Philippi, Anal. Mus. Chile, 1900, p. 6. — Argentina, Brasil Merid., ?Chili.

4356. **tomentosus**, Lichtenstein — (*3186*). — Uruguay.

4357. **labiosus**, Winge — (*3187*). — Brasil Merid., Minas-Geraës.

4358. **principalis**, Lund — (*3188*). — Brasil Merid., Minas-Geraës.

### 689. **Ichthyomys,** Thomas, 1893.

*Habrothrix*, p., Winge, 1891.
Thomas, Proc. Zool. Soc., 1893, p. 337.

4359. **stolzmanni**, Thomas — (*3190*). — Peru Centrali.

4360. **hydrobates**, Winge — (*3191*). — Venezuela (Sierra de Merida).

4361. **trichotis**, Thomas — (*3191B*). — Colombia (Cundimarca Occ., ad fl. Magdalena).

4362. **söderströmi**, Winton — (*3192*). — Equator (Rio Machangura).

## 690. **Acodon**, Meyen, 1833.

*Abrothrix* vel *Habrothrix*, Waterh., 1837.
»*Akodon*«, Meyen, Nova Acta Acad. Leop., XVI, 1833, p. 600.

### A. **Drymomys**, Tschudi, 1844.

4363. **parvulus**, Tschudi — (*3193*). — Peru.

4364. **musculus**, Wagner — (*3194*). — Brasil, Amazonia, (Ypanema).

4365. **exiguus**, Philippi, Anal. Mus. Chili, Zool., 1900, p. 19, pl. 5, f. 3. — Chili (Santiago, in M^s Andibus).

4366. **glaphyrus**, Philippi, l. c., 1900, p. 51, pl. 21, fig. 3. — Chili (Reg. Maule).

### B. **Acodon**, p. d.

4367. † **clivigenis**, Winge — (*3201*). — †Pleistocaen. Brasil.

4368. † **angustidens**, Winge — (*3202*). — †Pleistocaen. Brasil.

4369. † **internus**, Ameghino — (*3204*). — †Pleistocaen. Argentina.

4370. **longipilis**, Waterhouse — (*3195*); Philippi, Anal. Mus. Chile, Zool., 1900, p. 7, 36, pl. 14, f. 3. — Chili (Coquimbo), Patagonia.

4371. **andinus**, Philippi — (*3196*); id., l. c., 1900, p. 22, pl. 6, fig. 2. — Chili (Santiago, in montibus).

4372. **rupestris**, Gervais — (*3197*); Philippi, l. c., l. c., 1900, p. 33, pl. 13, fig. 1. — Chili (in montibus).

4373. **pulcherrimus**, Thomas — (*3196B*); id., Ann. Nat. Hist., 1901, VII, p. 185; Allen, Bull. Am. Mus., 1901, p. 45. — Peru (Puno, 4000 m., Sumbay, Tirapata, 5000 m.).

a. — **cayllomae**, Thomas, l. c., 1901, p. 185. — Peru, Caylloma (4300 m.).

b. — **inambarii**, Thomas, l. c., 1901, p. 186. — Peru, fl. Inambari, (Limbane, 3400 m.).

c. — **cruceri**, Thomas, l. c., 1901, p. 186. — Puno, Inambari Sup., (Crucero, 4550 m.).

4374. **bacchante**, Thomas, Ann. Nat. Hist., 1902, IX, p. 138. — Bolivia Sept., (Choro).

4375. **hirtus**, Thomas — (*3198*). — Argentina Occid., (Fort San Rafaël).

4376. **varius**, Thomas, l. c., 1902, IX, p. 134. — Bolivia Sept., (Tapacari, Cochabamba, 3000 m.).

4377. **suffusus**, Thomas, l. c., 1903, XII, p. 241. — Patagonia, Chubut Merid., (Vallo Lago Blanco).

4378. **boliviensis**, Meyen (nec Waterh.) — (*3199*). — Bolivia, Peru Centrali.

4379. **magellanicus**, Bennet — (*3200*); Philippi, l. c., 1900, p. 16, pl. 4, fig. 1. — Patagonia Merid., (Port Famine), Patagonia Chilena.

4380. **orycter**, Lund — (*3203*). — Brasil Merid. Minas-Geraës.

4381. **lasiotis**, Lund — (*3206*). — Brasil Merid.

4382. **fuscinus**, Thomas — (*3207*). — Brasil, Amazonia, (I. Marajo).

4383. **punctulatus**, Thomas — (*3208*). — Equator (Pallatanga).

4384. **amoenus**, Thomas, l. c., 1902, X, p. 468. — Peru (Sumbay, Calalla, Rio Colca).

4385. **cursor**, Winge — (*3209*); Thomas, l. c., 1902, IX, p. 60. — Brasil Merid., (Lagoa Santa), Parana.

*?arenicola*, Hensel, Leche (nec Waterh.).

4386. **arenicola**, Waterhouse — (*3210*, exclus. syn.: Hensel et Leche); Philippi, l. c., 1900, p. 7. — Brasil Merid., Paraguay, Argentina, Chili.

4387. **serrensis**, Thomas, l. c., 1902, IX, p. 61. — Brasil Merid., Parana.

4388. **micropus**, Waterhouse — (*3211*). — Patagonia, (Rio Santa Cruz).

4389. **obscurus**, Waterhouse — (*3212*). — Argentina, Paraguay, Uruguay.

4390. **lenguarum**, Thomas — (*3212B*). — Paraguay Sept., (Chaco).

4391. **canescens**, Waterhouse — (*3214*). — Patagonia (Port Désiré).

4392. **tucumanensis**, Allen, Bull. Amer. Mus., 1901, p. 410. — Argentina (Tucuman, 450 m.).

4393. **xanthorrinus**, Waterhouse — (*3215*); Philippi, l. c., 1900, p. 13, pl. 2, f. 3. — Terra de Fuoco, Patagonia, Peru.

4394. **puer**, Thomas, Ann. Nat. Hist., 1902, IX, p. 136. — Bolivia, (Choquecamate, 4000 m.).

4395. **nigrita**, Lichtenstein — (*3213*); Thomas, l. c., 1902, IX, p. 62. — Brasil Merid., (Rio Janeiro).

*?subterraneus*, Hensel (fide Thomas). —

4396. **subterraneus**, Hensel — (*3216*); Thomas, l. c., 1902, IX, p. 62 (=*?nigrita*). — Brasil Merid., (Rio Grande do Sul, Saô Paulo Orient.).

a. — **henseli**, Leche — (*3216 a*). — Brasil Merid.

4397. **dorsalis**, Hensel — (*3217*). — Rio Grande do Sul.

a. — **lechei**, nom. nov. *obscura*, Leche, 1886 — (*3217*), nec Waterhouse, 1837. — Brasil Merid. »

4398. **melanonotus**, Philippi — (*3218*). — Chili (Santiago).

4399. **caliginosus**, Tomes — (*3219*); Allen, Bull. Amer. Mus., 1901, p. 45. — Equator Occ., Peru Centrali.

4400. **teguina**, Alston — (*3221*). — Guatemala, Coban.

a. — **apricus**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 40, f. 20—21. — Panama, Chiriqui (Boquete, 1300—1700 m.).

4401. **xerampelinus**, Bangs, l. c., 1902, p. 41, fig. 22—23. — Panama (Vulcan, Chiriqui, 3700 m.).

4402. **urichi**, Allen et Chapman — (*3221 b*). — I. Trinitad.

4403. **venezuelensis**, Allen, Bull. Amer. Mus., 1899, p. 203. — Venezuela (Cumana, Quebrada Secca).

4404. **columbianus**, Allen, l. c., 1899, p. 203. — Colombia, Santa Marta, (Manzanarès, 1000 m.).

4405. **frustator**, Allen et Chapman — (*3221 c*) — I. Trinitad.

4406. **fuliginosus**, Wagner — (*3222*). — Brasil, Amazonia, (Ypanema).

4407. **caniventris**, Wagner — (*3223*). — Brasil Sept.

4408. **brachyotis**, Waterhouse — (*3224*); Philippi, Anal. Mus. Chile, 1900, p. 12, pl. 2, f. 2. — Chili (I. Chonos, I. Chiloë).

4409. **olivaceus**, Waterhouse — (*3225*); Philippi, Anal. Mus. Chile, 1900, p. 7. *renggeri*, Waterh. (nec Pictet); Philippi, l. c., 1900, p. 35, pl. 14, fig. 2. — Chili, Patagonia, Terra de Fuoco, Bolivia.

4410. **mollis**, Thomas — (*3226*). — Peru Sept. (Tumbez), Equator Occid.

4411. **pacificus**, Thomas, Ann. Nat. Hist., 1902, IX, p. 135. — Bolivia (La Paz, Choro, Cochabamba, 3500—4000 m.).

4412. **fumeus**, Thomas, l. c., 1902, IX, p. 137. — Bolivia (Choro, 3500 m.).

4413. **spegazzinii**, Thomas — (*3225 B*); id., l. c., 1902, IX, p. 226. — Argentina Sept. (Salta), Bolivia (Potosi, 4300 m.).

4414. **albiventer**, Thomas — (*3225*$^{C}$); id., l. c., 1902, IX, p. 226. Argentina (Salta), Potosi (4400 m.).

4415. **berlepschii**, Thomas — (*3226*$^{B}$); id., l. c., 1902, IX, p. 226. Bolivia (M$^{s}$ Jahama, Pampa Aullaga, 3800 m.).

4416. **porcinus**, Philippi — (*3233; ?Oxymycterus*); id., Anales Mus. Chile, 1900, p. 22, pl. 6, fig. 3. Chili (Santiago, Angostura).

4417. **pusillus**, Philippi — (*3234*). Chili (Valparaiso).

4418. **lutescens**, Allen, Bull. Amer. Mus., 1901, p. 46. Peru Merid.-Or., (Tirapata, 5000 m.).

4419. **brevicaudatus**. Philippi — (*3235*). Chili.

### C. **Chelemys**, Thomas, 1903.

*Oxymycterus*, p., Auctorum.
Thomas, Ann. Nat. Hist., 1903, XII, p. 242.

4420. **megalonyx**, Waterhouse — (*3229*); Thomas, l. c., 1903, XII, p. 242. Chili (Lac. Quintero).

4421. **macronyx**, Thomas — (*3230*). Argentina, (Fort San Rafael).

4422. **vestitus**, Thomas, l. c., 1903, XII, p. 242. Patagonia, Chubut, (Vallo Lago Blanco).

4423. **scalops**, Gervais (nec Thomas) — (*3227*): Philippi, Anal. Mus. Chile, 1900, p. 54, pl. 23, fig. 2. Chili.

4424. **jelskii**, Thomas — (*3228*). Peru Centrali, (Junin).

*scalops*, p., Thomas (nec Gervais).

**a.** — **pyrrhotis**, Thomas — (*3228a*). Maraynioc.

4425. **valdivianus**, Philippi — (*3231*); id., l. c., 1900, p. 21, pl. 6, fig. 1. Chili (Valdivia).

4426. **niger**, Philippi — (*3232*). Chili.

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## 691. **Notiomys**, Thomas, 1890.

*Oxymycterus*, p., Allen, 1903; *Akodon*, p., Matschie, 1898.
Thomas, *in* Milne-Edwards, Mission du Cap Horn, VI, 1890, p. 24.

4427. **edwardsi**, Thomas — (*3247*). Patagonia Merid.

[1]) Sous le nom vulgaire de »*Mus*«, Philippi (Anales Mus. Chile, Zool., 1900), a décrit et figuré les espèces suivantes qui appartiennent probablement au Genre **Acodon**: — *foucki, mollis* (nomen præoccupatum), *chonoticus, vinealis, segethi, germaini, amblyrhynchus, brachytarsus, melanizon, macronychus, xanthopus, mochae, pachycephalus, melampus, saltuum, peteroanus, atratus, dolichonyx*, etc., — toutes du Chili ou du détroit de Magellan occidental, et des I. Chonos.

4428. **microtis**. Allen, Bull. Amer. Mus., 1903, p. 189 *(Oxymycterus)*; Thomas, Ann. Nat. Hist., 1903, XII, p. 243. — Patagonia Chilena (ad fontes Rio Chico de Santa Cruz).

4429. **michaelseni**, Matschie, Hamburg. Magalh. Sammelreise, Zool., Säug., 1898, p. 5, pl. 1; Thomas, l. c., 1903, XII, p. 243. — Patagonia Merid., (freto Magellani).

## 692. **Oxymycterus**, Waterhouse, 1837.

Waterhouse, Proc. Zool. Soc. Lond., 1837, p. 16.

4430. † **taïpinus**, Lund — (*3238*). — † Pleistocaen. Brasil.

4431. † **cosmodus**, Winge — (*3239*). — † Pleistocaen. Brasil.

4432. † **impexus**, Ameghino — (*3240*). — † Pliocaen. Argentina.

4433. **nasutus**, Waterhouse — (*3241*); Philippi, Anal. Mus. Chile, 1900, p. 7. — Brasil Sept. et Merid., Uruguay, Chili.

4434. **jheringi**, Thomas — (*3242*); id., Ann. Nat. Hist., 1902, IX, p. 62. — Brasil Merid., Rio Grande do Sul, Parana.

4435. **roberti**, Thomas, l. c., 1901, VIII, p. 530. — Brasil, Minas Geraës, (Rio Jordaô).

4436. **quaestor**, Thomas, l. c., 1903, XI, p. 226. — Brasil Merid.-Or., (Serra do Mar, S^ta^ Catherina, Theresopolis).

4437. **paramensis**, Thomas, l. c., 1902, IX, p. 139. — Bolivia Sept., (Choqueramate, Choro, 4000 m.).

4438. **inca**, Thomas, l. c., 1900, VI, p. 298. — Peru Or., Junin, (Perenè, Ucayali).

4439. **juliacae**, Allen, Bull. Amer. Mus., 1900, p. 223. — Peru (Juliaca).

4440. **delator**, Thomas, l. c., 1903, XI, p. 489. — Paraguay, (Sapucay).

4441. **iris**, Thomas, l. c., 1901, VII, p. 183. — Bolivia Occid., (Mapiri, fl. Beni Super, 1000 m.).

4442. **apicalis**, Allen, l. c., 1900, p. 224. — Peru (Juliaca, 2000 m.).

4443. **rufus**, Desmarest — (*3243*). — Brasil Merid., Argentina.
*dasytrichus*, Wied (juv.).

4444. **rostellatus**, Wagner — (*3243 synon.*); (bona sp.), fide Thomas, l. c., 1903, XI, p. 226. — Brasil, Amazonia, (Ytararé).

4445. **fossorius**, Lund — (*3244*). Brasil Merid.
† *debilis*, Lund. † Pleistoc. Brasil.

4446. **hispidus**, Pictet — (*3245*). Brasil Orient., (Bahia).

4447. **bogotensis**, Thomas — (*3220 Acodon*); Ann. Nat. Hist., 1901, VII, p. 184 (*Oxymycterus*). Colombia (Bogota).

4448. **mimus**, Thomas, l. c., 1901, VII, p. 183. Peru (Puno Limbane, 2600 m.).

4449. **lanosus**, Thomas — (*3240B*). Patagonia Merid., (freto Magellani).

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## 693. **Blarinomys**, Thomas, 1896.

*Oxymycterus*, p., Winge, 1887.
O. Thomas, Ann. Nat. Hist., 1896, XVIII, p. 310.

4450. **breviceps**, Winge — (*3246*); Goeldi, Bol. Mus. Parà, III, 1901, p. 166, pl. 1. Brasil Merid., Rio Janeiro (Serra de Orgaôs, Theresopolis).
† *breviceps (foss.)*, Winge.

## 694. † **Necromys**, Amegh., 1889.

Ameghino, Mam. Fosil. Argent., 1889, p. 120.

4451. † **conifer**, Ameghino — (*3236*). † Pliocaen. Argentina

## 695. † **Bothriomys**, Amegh., 1889.

Ameghino, Mam. Fosil. Argent., 1889, p. 118.

4452. † **catenatus**, Ameghino — (*3237*). † Pliocaen. Argentina.

## 696. † **Paciculus**, Cope, 1879.

*Eumys*, p., Cope (nec Leidy), 1881.

4453. † **insolitus**, Cope — (*3248*). † Miocaen. Oregon.

4454. † **lockingtonianus**, Cope — (*3249*). † Miocaen. Oregon.

[1]) Sous le nom vulgaire de »*Mus*«, Philippi (Anales Mus. Chile, 1900), a décrit et figure les espèces suivantes appartenant probablement au Genre **Oxymycterus**: — *nemoralis, landbecki, senilis, dumetorum, psilurus, leptiurus*, etc., — toutes du Chili.

## Subfam. 10. **Neotominae.**

### 697. †**Ptyssophorus,** Amegh., 1889.

Ameghino, Mam. Fosil. Argent., 1889, p. 111.

4455. †**elegans**, Ameghino — (*3250*). † Pliocaen. Argentina.

### 698. †**Tretomys,** Amegh., 1889.

Ameghino, Mam. Fosil. Argent., 1889, p. 119.

4456. †**atavus**, Ameghino — (*3251*). † Pliocaen. Argentina.

### 699. **Hodomys,** Merriam, 1894.

*Neotoma*, p., Merr., 1892.
Merriam, Proc. Acad. Philad., 1894, p. 232.

4457. **alleni**, Merriam — (*3252*). Mexico (Colima, Jalisco, Terro Tepic).

4458. **vetulus**, Merriam — (*3253*). Mexico (Tehuacan, Puebla).

### 700. **Neotomodon,** Merriam, 1898.

Merriam, Proc. Biol. Soc. Wash., 1898, p. 127.

4459. **alstoni**, Merriam — (*3253B*). Mexico, Michoacan, (Nahuatzin, 2800 m.).

4460. **perotensis**, Merriam — (*3253C*). Mexico, Vera Cruz, (Cofre de Perote, 3160 m.).

4461. **orizabae**, Merriam — (*3253D*). Mexico, Puebla, (M$^s$ Orizaba, 3160 m.).

### 701. **Xenomys,** Merriam, 1892.

Merriam, Proc. Biol. Soc. Wash., 1892, p. 159.

4462. **nelsoni**, Merriam — (*3254*). Mexico (Colima).

### 702. **Nelsonia,** Merriam, 1897.

Merriam, Proc. Biol. Soc. Wash., 1897, p. 277.

4463. **neotomodon**, Merriam — (*3254B*). Mexico (Sierra Madre, Zacatecas, Plateado, 2700 m.).

4463$^{bis}$. **goldmanni**, Merriam, Proc. Biol. Soc. Wash., 1903, p. 80. Mexico, Michoacan, (M$^s$ Tancitaro).

## 703. **Neotoma,** Say et Ord, 1825.

*Mus*, p., Ord, 1818.
Say et Ord, Journ. Acad. Nat. Sc. Philad., IV, 1825, p. 345.

### A. **Neotoma.**

4464. **cumulator**, Mearns — (*3257*); Elliot, Field Columb. Mus., II, 1901, p. 154. — California Merid., San Diego Co. (Fort Yuma).

4465. **micropus**, Baird — (*3258*); Elliot, l. c., 1901, p. 155.
*canescens*, Allen, 1891. — Mexico, Tamaulipas (Charco Escondido), Oklahoma, Novo-Mexico.

a. — **surberi**, Elliot, Field Col. Mus., I, 1899, p. 279; II, 1901, p. 156. — Oklahoma Sept.-Occ., (Cañon prope Alva).

4466. **baileyi**, Merriam — (*3260, 3260*); Elliot, l. c., II, 1901, p. 156; III, p. 494 (nota). — Nebraska (Valentine), Kansas, Oklahoma.

a. — **campestris**, Allen — (*3259*); Elliot, l. c., II, 1901, p. 156 (bona sp., apud Miller). — Kansas, Lane Co.

4467. **floridana**, Ord — (*3261*); Elliot, l. c., 1901, p. 157, et p. 155, fig. 34. — Florida et Vallo fl. Mississipi infer.

a. — **rubida**, Bangs — (*3261b*); Elliot, l. c., 1901, p. 156. — Louisiana (Gibson), et à Mississipi infer. ad Floridam Occid.

b. — **attwateri**, Mearns — (*3261B*); Elliot, l. c., 1901, p. 157. — Texas Merid., Kerr Co., (Lacey's Ranch, Turtle Creek).

4468. † **magister**, Baird — (*3262 part.*, exclus. syn. »*pennsylvanica*«); (species sub-fossilis tantum), fide Miller. — † Pleistocaen. Pennsylvania.

4469. **pennsylvanica**, Stone — (*3262 part.*); Elliot, l. c., 1901, p. 157. — Pennsylvania, Cumberland Co., (Lewis Cave, South Mountain), et à New York ad Virginiam (in Montibus Alleghany).

4470. **mexicana**, Baird — (*3263*); Elliot, l. c., 1901, p. 158. — Mexico, Chihuahua (in Montibus), Novo-Mexico Or., Texas Merid.

a. — **bullata**, Merriam — (*3263a*); Elliot, l. c., 1901, p. 158. — Arizona Merid.-Or., (M^tes Santa Catalina).

4471. **sinaloae**, Allen — (*3263B*). — Mexico, Sinaloa, (Tatameles).

4472. **pinetorum**, Merriam — (*3264*); Elliot, l. c., 1901, p. 158. — Arizona (Ms San Francisco).

4473. **fuscipes**, Baird — (*3272*); Elliot, l. c., 1901, p. 158. — California, Sonoma Co., (Petaluma), Oregon, à Monterey ad fl. Columbia, (Marin Co.).

*monochrura*, Rhoad.

*splendens*, True.

**a.** — **macrotis**, Thomas — (*3272a*); Elliot, l. c., 1901, p. 159. — California (San Diego), et à Monterey in merid. California Occid.

*simplex*, True.

**b.** — **streatori**, Merriam — (*3272b*); Elliot, l. c., 1901, p. 159. — Amidor Co., (Carbondale), Sierra Nevada Occid.

**c.** — **dispar**, Merriam — (*3272c*); Elliot, l. c., 1901, p. 160. — Sierra Nevada Or., Owens Valley (Lone Pine).

**d.** — **annectens**, Elliot — (*3272d*); Elliot, l. c., 1901, p. 160. — San Mateo Co., (Portola), à San Francisco ad Monterey Co.

**e.** — **affinis**, Elliot — (*3272e*); Elliot, l. c., 1901, p. 160. — Santa Clara Co., (Alum Rock Park).

4474. **desertorum**, Merriam — (*3273*); Elliot, l. c., 1901, p. 161 (= *cinerea lepida*, Thomas, fide Bangs, — vide infrà, Sp. 4490a). — California (Death Valley, Furnace Creek), Colorado, Sonora, Nevada, Utah (in desertis).

**a.** — **sola**, Merriam — (*3273a*); Elliot, l. c., 1901, p. 161. — Kern Co., (San Emigdio, San Joachin Valley).

4475. **fallax**, Merriam — (*3270*); Elliot, l. c., 1901, p. 161. — Colorado, Boulder Co., (Gold Hill), ad Orient. Mtium Rupestrum.

4476. **intermedia**, Rhoads — (*3274*); Elliot, l. c., 1901, p. 161. — California, San Diego Co., (Dulzuras), et Calif. Occ., in Merid. Monterey Bay.

*californica*, Price.

**a.** — **gilva**, Rhoads — (*3274a*); Elliot, l. c., 1901, p. 161. — California (Banning, San Gorgonio Pass), ad Occ. Colorado Desert.

*rennsta*, True.

**b.** — **albigula**, Hartley — (*3274c*); Elliot, l. c., 1901, p. 162. — Arizona Merid. et Occid., (Fort Lowell).

**c.** — **durangoae**, Allen, Bull. Amer. Mus., 1903, p. 602. — Mexico, Durango Sept.-Occid.

**d.** — **angusticeps**, Merriam — (*3274d*); Elliot, l. c., 1901, p. 162. — Novo-Mexico (Grant Co. Merid.-Occid.), Mexico.

**e.** — **melanura**, Merriam — (*3274b*). — Mexico, Sonora Sup. (Ortiz,adSierraMadre).

4477. **bella**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 66; Elliot, l. c., 1901, p. 429. — California, Riverside Co., (Palm Springs).

4478. **bryanti**, Merriam — (*3271, 3271*). — California infer., (I. Cerros).

4479. **arenacea**, Allen — (*3272C*). — California infer., (San José del Cabo).

4480. **anthonyi**, Allen — (*3275B*). — California infer., (I. Todos Santos).

4481. **leucodon**, Merriam — (*3255*). — Mexico (San Luis Potosi), à Sonora ad Santa-Cruz.

4482. **latifrons**, Merriam — (*3256*). — Mexico, Michoacan, (Querendaro).

4483. **tenuicauda**, Merriam — (*3265*). — Sierra Nevada de ColimaSept.(4000m.).

4484. **orizabae**, Merriam — (*3266*). — Mexico, Puebla, (Ms Orizaba).

4485. **fulviventer**, Merriam — (*3267*). — Mexico (TolucaVallo).

4486. **distincta**, Bangs, Proc. Biol. Soc. Wash., 1903, p. 89. — Mexico, Vera Cruz, (Texolo).

4487. **torquata**, Ward — (*3268*). — Mexico, Morelos (inter Tetela del Volcan et Zacualpan).

4488. **ferruginea**, Tomes — (*3269*). — Tehuantepec, Guatemala (Dueñas).

B. **Teonoma**, Gray, 1843.

*Myoxus*, p., Richardson, 1828.
Gray, List. Spec. Mam. Brit. Mus., 1843, p. 117;
Merriam, Proc. Biol. Soc. Wash., 1892, p. 23.

4489. **cinerea**, Ord — (*3276*); Elliot, Field Columb. Mus., II, 1901, p. 163, fig. 35. — Montana(Great Falls), et Reg. Mont. Rupestrum ab Utah ad Wyoming. Dakota Sept., Missouri, Columbia Brit. et California Merid.

**a.** — **lepida**, Thomas — (*3275a*); Elliot, l. c., 1901, p. 164; Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 66 (nota). — Utah, (Williams Spring, 1525 m.).

*desertorum* Merriam — (*3273*). — California.

b. — **drummondi**, Richardson — (*3276a*); Elliot, l. c., 1901, p. 164; Osgood, N.-Am. Fauna, 19, 1900, pl. 5, f. 3. — Columbia Britann. Or. et Canada Occid., (in Montibus Rupestr.).

c. — **saxamans**, Osgood, North-Amer. Fauna, No. 19, 1900, p. 33, pl. 5, f. 4; Elliot, l. c., 1901, p. 429; Allen, Bull. Am. Mus., 1903, p. 544. — Columbia Brit., (Lac. et urbi Bennet), Alaska Merid.

d. - **occidentalis**, Baird — (*3276b*); Elliot, l. c., 1901, p. 164. — Territ. Washington (Shoalwater Bay). Oregon, usque ad Idaho Central.

e. — **fusca** True — (*3276c*); Elliot, l. c., 1901, p. 165. — Oregon (Fort Umpqua).

f. — **columbiana**, Elliot, Publ. Field Col. Mus., 1893, p. 255; l. c., 1901, p. 165. — Columbia Brit. Occid., (Ducks).

4490. **arizonae**, Merriam — (*3275*); Elliot, l. c., 1901, p. 165. — Arizona, Apache Co., (Keam's Cañon, Reg. Moki), Novo-Mexico Sept., Utah Merid., et Colorado Merid.-Occ.

4491. **grangeri**, Allen — (*3277*); Elliot, l. c., 1901, p. 165. — Dakota Merid., (Custer, Black Hills).

4492. **orolestes**, Merriam — (*3278*); Elliot, l. c., 1901, p. 166. — Colorado (Vallo Sagauche), M^tes Rupestres, Colorado, Wyoming, Novo-Mexico.

4493. **rupicola**, Allen — (*3279*); Elliot, l. c. 1901, p. 166. — Dakota Merid., Bad Lands, (Corral Draw, Black Hills).

4494. **cinnamomea**, Allen — (*3280*); Elliot, l. c., 1901, p. 166. — Wyoming (Kinney Ranch, Bitter Creek), Uncompahgo Indian Reservation, Utah, Novo-Mexico.

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## Subfam. 11. **Microtinae.**

*Arvicolinae* Auctorum.

### 704. **Phenacomys**, Merriam, 1889.

Merriam, North-Amer. Fauna, No. 2, 1889, p. 28.

4495. **intermedius**, Merriam — (*3293*); Elliot, Field Columb. Mus., II, 1901, p. 167. — Columbia Britann., (Kamloops).

[1]) Add.: - **Teanopus**, g. nov., **T. phenax**, sp. nov. (Merriam, Proc. Biol. Soc. Wash., 1903, p. 81). — Mexico, Sonora (Rio Mayo, Camoa).

4496. **orophilus**. Merriam — (*3294*); Elliot, l. c., 1901, p. 167, fig. 36. — Idaho (M^tes^ Salmon River), Alberta, Columbia, Brit., United States Occ., usque ad Oregon, Idaho et Wyoming.

4497. **mackensiei**. Preble. Proc. Biol. Soc. Wash. 1902, p. 182. — Canada (Hudson Bay, Fort Churchill, Fort Smith, Reg. Mackensie).

4498. **olympicus**, Elliot, Field Columb. Mus., I 1899, p. 225; II, 1901, p. 168. — Terr. Washington (Clallam Co., M^tes^ Olympic, Lac. Happy et Boulder).

4499. **preblei**, Merriam — (*3295*); Elliot, l. c. 1901, p. 168. — Colorado Long's Peak).

4500. **celatus**, Merriam — (*3297 syn.*); Elliot, l. c., 1901, p. 169. — Labrador (Ungava, Fort Chimo), usque ad Peninsula Harbor, Lac. Superior. I. Hamilton, (Rigoulette).

*ungava*, Merriam; Trt., Catal., 1897.

*latimanus*, Merriam — (*3296*).

**a.** — **crassus**, Bangs, Proc. N.-Engl. Zool. Club, 1900, p. 39; Elliot, l. c., 1901, p. 430.

4501. **constablei**, Allen, Bull. Amer. Mus., 1899, p. 4; Elliot, l. c., 1901, p. 169. — Territ. Northwest (Alaska, Telegraph Creek).

4502. **longicaudus**, True — (*3298*); Elliot, l. c., 1901, p. 169. — Oregon Occ. Coos Co., (Marshfield).

4503. **albipes**, Merriam, Proc. Biol. Soc. Wash., 1901, p. 125. — California (Humboldt Bay, Arcata).

## 705. Evotomys, Coues, 1874.

*Arvicola*, p., *Myodes*, p., *Hypudaeus*, p., Auct.; *Anaptogenia*, p., Cope. Coues, Proc. Acad. Not. Sc. Philad., 1874, p. 186.

### Recognitio.

1900. — **Gerrit S. Miller**, Preliminary Revision of the European Redbacked Mice (*Evotomys rutilus*) — (Proc. Wash. Acad., 1900, p. 83-109).

### A. Evotomys.

4504. **rutilus**, Pallas — (*3299*); Miller, Proc. Wash. Acad., 1900, p. 91; Elliot, Field Columb. Mus., II, 1901, p. 170. — Europa, Asia et America Arcticae, in merid. usque ad Scandinaviam (Tromso), Siberiam (Orient. fl. Obi), Canada, Alaska (Fort Anderson).

4505. **amurensis**, Schrenk — (*3300*). — Siberia Or., Reg. Amour, (Nicolaïeff).

4506. **wosnessenskii**, Poliakoff — (*3304*); Allen, Bull. Amer. Mus., 1903, p. 146. — Kamtschatka (Petropaulski et I. Behring).

4507. **jochelsoni**, Allen, l. c., 1903, p. 148. — Siberia (ad fl. Kolyma).

4508. **russatus**, Radde — (*3306*). — Siberia Merid.-Orient.

4509. **wrangeli**, Bailey — (*3301*); Elliot, l. c., 1901, p. 171; Allen, l. c., 1903, p. 546. — Alaska (I. Wrangel et I. Revillagigedo).

4510. **alascensis**, Miller — (*3299B*); Osgood, North-Amer. Fauna, No. 19, 1900, p. 35; (bona sp.), Allen, l. c., 1900, p. 546; Elliot, l. c., 1901, p. 177. — Alaska (S^t^ Michael), Reg. Yukon (Fort Yukon).

*dawsoni alascensis*, Miller, 1898. — »

*rutilus*, p., Coues, 1877 (nec Pallas). — »

4511. **dawsoni**, Merriam — (*3302*); Elliot, l. c., 1901, p. 172; Osgood, l. c., 1900, p. 34; Allen, l. c., 1903, p. 546. — Canada Occ. et Terr. Northwest. (Finlayson River, 1000 m., Fort Liard), Reg. Yukon, Alaska Merid.

4512. **caurinus**, Bailey — (*3301B*); Elliot, l. c., 1901, p. 171. — Columbia Brit. Occid., in Or. usque fretum Georgia, in Merid. usque ad fl. Frazer.

4513. **orca**, Merriam, Proc. Wash. Acad., 1900, p. 24; Elliot, l. c., 1901, p. 172. — Alaska (freto Prince William, Orca).

4514. **norvegicus**, Miller, Proc. Wash. Acad., 1900, p. 93. — Scandinavia (Bergen), in Septent. usque ad Saltdal (67° Sept.).

*glareolus*, Collett, 1898 (nec Schreber).

4515. **nageri**, Schinz — (*3307*); Miller, l. c., 1900, p. 94. — Helvetia (M^s^ S^t^ Gotthard), et Alpes (Gallia Merid., Italia Sept.), in Montibus silvestris (nec in vallis).

*bicolor*, Fatio, Rev. et Mag. Zool., 1862, p. 257.

*glareolus*, p., Fatio, 1867.

4516. **skomerensis**, Barret-Hamilton, Proc. Roy. Irish. Acad., 1903, p. 316. — I. Britannia (I. Skomer, Wales).

4517. **vasconiae**, Miller, l. c., 1900, p. 96. — Gallia Merid., Hautes Pyrénées (Montrejeau).

4518. **hercynicus**, Mehlis, Isis, 1831, p. 876; Miller, l. c., 1900, p. 84—85, 97, 100 — (*3305*). — Europa Centrali, à Germania (Harz) ad Rossiam Occid., Roumania.

*glareolus*, Blasius, 1857 (nec Schreber 1792), et Auct. — (*3305*).

† *glareolus foss.*, Nehring — (*3305a, b,* et *3305 App.*). — †Pleistocaen. Gallia, Italia Sept.

† *delarbrei* Pomel — (*3305a*). — »

**a.** — **helveticus**, Miller, l. c., 1900, p. 98. — Gallia Merid.-Orient. (Haute-Savoie, Montauban), Helvetia (M^tes^ Alpes et Jura, in Vallis).

*glareolus p.*, Fatio, Campagnols du Bassin du Léman, 1867, p. 28.

**b.** — **suecicus**, Miller, l. c., 1900, p. 101. — Scandinavia Merid., (Upsala).

**c.** — **rubidus**, Baillon, 1834 — (*3305 part.*); Miller, l. c., 1900, p. 102. — Gallia Sept. et Occ. (Abbeville, Dinan, Angers), Belgia, ?Dania merid.

*fulvus*, Millet, 1828 (nec E. Geoff. et Desm.)

*? glareolus*, p., Melchior, 1834. — »

*rufescens*, Selys-Longchamps, 1836. — »

*pratensis*, F. Cuvier, Mam., pl. liv. 68, 1834—1842. — »

**d.** — **britannicus**, Miller, l. c., 1900, p. 103. — Anglia (Hampshire, Basingstoke), Scotia.

*riparius*, Yarrell, 1832 (nec Ord, 1825).

*glareolus*, p., Thomas, 1898 (nec Schreber). — »

4519. **gapperi**, Vigors — (*3308*); Elliot, l. c., 1901, p. 172; Preble, Proc. Biol. Soc. Wash., 1902, p. 50. — Canada in Occ. M^tium^ Rupestrum, Ontario (Lac Simcoe), ad Massachusetts, New-Jersey, Pennsylvania.

**a.** — **ochraceus**, Miller — (*3308a*); Elliot, l. c., 1901, p. 172. — New-Hampshire (M^t^ Washington) ad Novam-Scotiam.

**b.** — **rhoadsi**, Stone — (*3308b*); Elliot, l. c., 1901, p. 173. — New-Jersey (Mays Landing).

**c.** **loringi**, Bailey — (*3308c*); Elliot, l. c., 1901, p. 173. — Dakota Sept. (Portland), Minnesota (in vallis sylvat.).

**d.** — **galei**, Merriam — (*3308d*); Elliot, l. c., 1901, p. 173. — Colorado, Boulder Co., (Ward), Montana Sept.

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| e. — **saturatus**, Rhoads — (*3308 e*); Elliot, l. c., 1901, p. 174. | Columbia Brit., (Nelson), Oregon. Idaho (in Montibus), usque ad Lac. Caribou. |
| 4520. **brevicaudus**, Merriam — (*3309*); Elliot, l. c., 1901, p. 174. | Dakota Merid., (Black Hills, Custer). |
| 4521. **carolinensis**, Merriam — (*3310*); Elliot, l. c., 1901, p. 174. | Carolina Sept. (M$^{s}$ Roan, 2000 m.). |
| 4522. **ungava**, Bailey — (*3311*); Elliot, l. c., 1901, p. 175. | Labrador, Ungava. (Fort Chimo). |
| 4523. **idahoensis**, Merriam — (*3312*); Elliot, l. c., 1901, p. 175. | Idaho (in Montibus, inter fl. Snake et Salmon, Sawtooth *vel* Alturus Lake). |
| 4524. **mazama**, Merriam — (*3313*); Elliot, l. c., 1901, p. 175. | Oregon (M$^{s}$ Mazama, Crater Lake, 2300 m.). |
| 4525. **obscurus**, Merriam — (*3314*); Elliot, l. c., 1901, p. 176. | Oregon (M$^{s}$ Cascade et Sierra Nevada. Prospect, Vallo Rogue River) et California Sept. |
| 4526. **californicus**, Merriam — (*3315*); Elliot, l. c., 1901, p. 176. | California Sept., (Humboldt Co., Eureka), Oregon Occ. |
| 4527. **occidentalis**, Merriam — (*3316*); Elliot, l. c., 1901, p. 176. | Terr. Washington (Aberdeen), Puget Sound, Columbia Brit. Merid. |
| 4528. **nivarius**, Bailey — (*3317*); Elliot, l. c., 1901, p. 177. | Terr. Washington (M$^{tes}$ Olympic, 1300 m., M$^{s}$ Ellinor Sept.-Occ.). |
| 4529. **proteus**, Bailey — (*3318, 3318*); Elliot, 1901, p. 177. | Labrador (I. Hamilton) |

B. **Craseomys**, Miller, 1900.

Miller, Proc. Wash. Acad. of Sc., 1900, p. 87, 89.

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| 4530. **rufocanus**, Sundevall — (*3303*); Miller, l. c., 1900, p. 89. | Europa Sept., Scandinavia, Lapponia (Altawaara, etc.), usque ad Dovre. |
| a. — **kamtschaticus**, Radde, Poliakoff (nec Lataste), — (*3303 part.*). | Kamtschatka. |

4531. **latastei**, Allen, Bull. Amer. Mus., 1903, p. 145. — Kamtschatka Sept. (Gichiga, Amour, Lac. Baikal, Altaï et Siberia Sept.).

*rufocanus kamtschaticus*, Lataste, 1881 (nec Radde, nec Poliakoff) — (*3303 part.*)

### 706. **Aschizomys**, Miller, 1898.

Miller, Proc. Acad. Philad., 1898, p. 368.

4532. **lemniscus**, Miller — (*3220 B*). — Siberia (freto Behringi, sinu Plover).

### 707. † **Dolomys**, Nehring, 1898.

*Arvicola, p.*, Newton, 1882; *Phenacomys, p.*, Nehring, 1894; *Genus Novum*, Trt., 1897; Nehring, Zool. Anzeig., 1898, p. 13.

4533. † **milleri**, Nehring — (*3298 B*). — † Pliocaen. Super. Ungaria Merid.

### 708. † **Trilophiomys**, Depéret, 1892.

*Lophiomys*, Dep., 1890 (nec A. M.-Edwards).
Depéret, Mém. Soc. Géol., 1890, p. 53; 1892, p. 121.

4535. † **pyrenaïcus**, Depéret — (*3321*). — † Pliocaen. Gallia Merid.

### 709. † **Anaptogonia**, Cope, 1873.

*Arvicola*, p., et *Evotomys*, p., Cope, 1896; ? *Schistodelta*, Cope, 1899.
Cope, Proc. Amer. Philos. Soc., 1873, p. 91; Miller, Proc. Biol. Soc. Wash., 1900, p. 154.

4536. † **hiatidens**, Cope — (*3319*); id., Journ. Acad. Nat. Sc. Philad., 1899, p. 201. — † Pleistocaen. America Sept., Pennsylvania.

? *sulcata*, Cope, l. c., 1899, p. 206. — »

4537. † **cloacina**, Cope — (*3320*). — † Pleistocaen. America Sept., Pennsylvania.

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### 710. † **Mimomys**, Major, 1902.

*Arvicola*, p., Newton; *Dolomys*, p., Nehring.
Forsyth Major, Proc. Zool. Soc., 1902, p. 102.

4538. † **intermedius**, Newton — (*3322*, *3298 C*); Major, P. Z. S. 1902, p. 103, fig.; 105, fig.; 106, fig. — (*Dolomys*, p., Nehring). — † Pliocaen. I. Britannia.

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[1]) Add.: —† **Sycium**, Cope, 1899. — **S. cloacinum**, Cope, Journ. Acad. Philad., 1899, p. 203, 204, fig. — † Pleistoc. Pennsylvania.

4539. † **newtoni**, Major, l. c., 1902. p. 103, fig.; 105, fig.; 106, fig. — † Pliocaen. I. Britannia.

4540. † **pliocaenicus**, Major, l. c., 1902, p. 103, fig.; 105 fig.; 106, fig. — † Pliocaen. I. Britannia.

## 711. **Microtus**, Schrank, 1798.

*Arvicola*, Lacepède et Auct.

### Recognitiones.

1900. — **Vernon Bailey**, Revision of American Voles of the Genus Microtus (North American Fauna, No. 17, 1900, p. 1—80, 17 fig., pl. 1—5).

1899. — **Gerrit S. Miller**, The Voles Collected by Dr W. L. Abbott in Central Asia (Proc. Acad. Nat. Sc. Philad., 1899, p. 281—298, 4 fig., pl. 12, 13).

### A. **Eothenomys**, Miller, 1896.

Gerrit S. Miller, North-Amer. Fauna, No. 12, 1896, p. 9 et 45.

4541. **melanogaster**, A. M.-Edwards — (*3323*). — Thibet Or., Moupin, Setchuen, Fokien, Birma.

4542. **montebelloi**, A. M.-Edwards — (*3324*). — Japon.

### B. **Anteliomys**, Miller, 1895.

Gerrit S. Miller, North-Amer. Fauna, No. 12, 1896, p. 9, 47.

4543. **chinensis**, Thomas — (*3325*). — China (Setchuen, Kiating-fu).

### C. **Microtus**, p. d.

*Mynomes*, Rafin., 1817; *Hemiotomys*, Sélys, 1836; *Neodon*, Hodgson; *Tetramerodon*, Rhoads, 1894; † *Isodelta*, Cope, 1873.

4544. † **nehringi**, Woldrich — (*3355*). — † Pleistocaen. Europa (Moravia).

4545. † **maskii**, Woldrich — (*3356*). — † Pleistocaen. Moravia.

4546. † **brecciensis**, Giebel — (*3357*). — † Pleistocaen. Europa Merid., I. Corsica. I. Sardinia.

4547. **arvalis**, Pallas — (*3358*); Satunin, Mitth. Kaukas. Mus., 1901, p. 45, 117. — Europa et Asia Occid., à Gallia ad Siberiam (Obi).

*terrestris*, Schrank (fide Miller).

a. — **caucasicus**, Poliakoff; Satunin, Mam. Caucas., 1903, p. 59. — M$^{s}$ Caucasus.

b. — **obscurus**, Eversmann — (*3358 a*). — Siberia (M$^{s}$ Altaï).

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| 4548. **agrestis**, L. — (*3359, 3359*). | Europa à Scandinavia adGalliam,Helvetiam. |
| †*bucklandi*, Giebel (*3359 part.*) | Pleistoc. Europa. |
| **a.** — **rozianus**, Bocage — (*3359 a*). | Lusitania. |
| **b.** — **campestris**, Blasius — (*3359 b*). | Dania, Germania Sept.-Occid. |
| **c.** — **neglectus**, Barret-Hamilton — (*3359 c*). | I. Britannia. |
| 4549. **hartingi**, Barret-Hamilton, Ann. Nat. Hist., 1903, XI, p. 307. | Graecia (Thessalia, Larissa). |
| *arvalis*, p., Trouessart, Rev. Scient., 1894, t. 50, p. 90. | » |
| *guentheri*, p., Harting, Zoolog., 1893, p. 139. | » |
| 4550. **guentheri**, Danfort et Alston — (*3360*, exclus. syn.: Harting, Pousargues); Satunin, Mamm. Caucas., 1903, p. 60. | Asia Minori, Palaestina. |
| 4551. **tsaïdamensis**, Satunin, Ann. Mus. Zool. S$^{t}$ Petersb., 1902, p. 579. | Asia Centrali (Tsaïdam, Lac. Tosso-Noor). |
| *nova sp.*, Kozlov, Itiner., p. 274. | |
| 4552. **murinus**, Severtzow (*Cricetus, 2967*); Satunin, Ann. Mus. Zool. S$^{t}$ Petersb., 1902, p. 567. | Turkestan (Sarepta). |
| *myosurus*, Severtzow. | » |
| 4553. **ravidulus**, Miller, Proc. Acad. Philad., 1899, p. 284, pl. 12 et 13, f. 2. | Turkestan Or., (Okchi, vallo Aksai, 2300 m.). |
| 4554. **pamirensis**, Miller, l. c., 1899, p. 287, pl. 12 et 13, f. 3. | Asia Centrali (Pamir, Tagdumbash, 4000 m.). |
| 4555. **mystacinus**, Filippi — (*3361*); Satunin, Mamm. Caucas., 1903, p. 59. | Persia (M$^{s}$ Elburz), Transcaucasia. |
| 4556. **ratticeps**, Keys. et Blasius — (*3362 b, 3362 b*); Nehring, S.-Ber. Ges. Naturf. Berlin, 1899, p. 67, 68, fig. 1. | Europa Centrali et Orient., à Batavia et Lapponia ad Rossiam. |
| †*ratticeps foss.*, Sanford — (*3362 b. 3362 b*); Nehring, l. c., 1899, p. 57. | †Pleistoc. I. Britannia. |
| **a.** — **stimmingi**, Nehring, l. c., 1899, p. 57, 58. | Brandenburg, Pomerania Super. |
| 4557. **oeconomus**, Pallas — (*3362*). | Siberia ab Altaï ad fl. Amour. |
| †*œconomus foss.*, Nehring — (*3362*). | †Pleistoc. Germania. |
| **a.** — **ouralensis**, Poliakoff — (*3362 a*). | Reg.Oural(Orenburg). |

4558. **kamtschaticus**. Pallas — (*3363*); Poliakoff, Zapiski Imp. Acad. Sc. St Petersb., 39, 1881, p. 43, fig. 4; Miller, 1899; Allen, Bull. Amer. Mus., 1903, p. 149. — Kamtschatka, Siberia Or. (Gichiga, Marcova, Indian Point).

4559. **tschuktshorum**. Miller, Proc. Biol. Soc. Wash., 1899, p. 11. — Siberia Orient. (Plover Bay).

4560. **fortis**, Büchner — (*3364*). — Asia Centrali (Ordos, Chuan-Che).

4561. **eversmanni**, Poliakoff, l. c., 1881 — (*3365*). — Dzungaria, Tjanschan.

4562. **tianschianus**, Büchner — (*3366*). — Tjanschan (Juldus, 3000 m.).

4563. **limnophilus**, Büchner — (*3367*). — Gansù (Zaidam).

a. — **flaviventris**, Satunin, Annuaire Mus. Zool. St Petersb., 1902, p. 577. — Gansù (Kloster, Tschortentau, 2300 m.).

4564. **gregalis**, Pallas — (*3368, 3368*). — Siberia Or. et Merid. (Obi, Transbaikalia).

† *gregalis foss.*, Nehring — (*3368*). — † Pleistoc. Germania.

4565. **middendorffi**, Poliakoff — (*3369*). — Siberia Sept. (Taïmour).

4566. **nordenskiöldi**, Poliakoff — (*3370*). — Peninsula Taimoursk.

4567. **saxatilis**, Pallas — (*3371*). — Siberia Merid., Mongolia.

† *saxatilis foss.*, Brandt Woldrich — (*3371*). — † Pliocaen. Moravia, Altaï.

4568. **socialis**, Pallas — (*3372*); Satunin, Mamm. Caucas., 1903, p. 59. — Siberia Occid., Transcaspia, Caucasus, (Tiflis), ? Astrakan.

*? astrakanensis*, Desmarest — (*3372a*).

a. — **syriacus**, Brants — (*3372b*). — Asia Minor, Syria Palaestina.

b. — **cinerascens**, Wagner — (*3372c*). — Syria.

4569. **parvus**, Satunin, Mitth. Kaukas. Mus., 1901, p. 46, 117; Mam. Caucas., 1903, p. 37. — Caucasus Sept. (in Steppes, Dorfe Diwnoje, Kalaus).

4570. **raddei**, Poliakoff — (*3373*). — Siberia Or. et Merid., Daouria, Deserto Gobi.

4571. **alliarius**, Pallas — (*3374*). — Siberia Sept. (ad fl. Ienisei).

4572. **macrotis**, Radde — (*3375*). — Siberia Merid.-Or.

4573. **mongolicus**, Radde — (*3376, 3376*). — Siberia Merid., Mongolia, China Sept.

4574. **amurensis**, Schrenck — (*3377*). — Regione Amour.

4575. **maximowiczi**, Schrenck — (*3378*). — Regione Amour.

4576. † **nivaloïdes**, Major, P. Z. S., 1902, p. 106, fig. — † Pleistocaen. I. Britannia.

4577. **nivalis**, Martins — (*3379*). — Europa Media, in M^tibus^ Alpes, Helvetia, Gallia.

† *nivalis foss.*, Nehring — (*3379 App.*). — † Pleistoc. Germania.

**a.** — **lebruni**, Crespon — (*3379 a*). — Gallia Merid. (Basses-Alpes).

**b.** — **leucurus**, Gerbe — (*3379 a, part.*). — Alpes Maritimes. Tyrol, M^tes^ Pyreneae.

4578. **petrophilus**, Wagner — (*3379 b*); Satunin, Mamm. Caucas., 1903, p. 59. — Alpes Orient., Bavaria, M^s^ Caucasus.

4579. **dinniki**, Satunin, l. c., 1903, p. 59. — M^s^ Caucasus.

4580. **sikimensis**, Hodgson — (*3380*). — Himalaya Sikkim, Darjiling (ad 3300 m.).

4581. † **diluvianus**, Cope — (*3381*); id., Journ. Acad. Philad., 1899, p. 205, fig. — † Pleistoc. America Sept., Pennsylvania.

4582. **pennsylvanicus**, Ord — (*3385*); Bailey, N.-Amer. Fauna, No. 17, 1900, p. 16, 17, f. 1, pl. 1, pl. 2, f. 1, pl. 3, f. 1; Elliot, Field Columb. Mus., II, 1901, p. 179, fig. 38. — United States Orient. (Philadelphia), in Occid. usque ad Dakota, Nebraska, et a Nova-Scotia ad Carolinam.

*rufidorsum*, Baird — (*3395*).

**a.** — **nigrans**, Rhoads, Proc. Acad. Philad., 1897, p. 307; Bailey, l. c., 1900, p. 18; Elliot, l. c., 1901, p. 180. — Carolina Sept., (Currituck), et Virginia Merid.-Orient.

**b.** — **acadicus**, Bangs — (*3385 g*); Bailey, l. c., 1900, p. 19; Elliot, l. c., 1901, 180. — Nova Scotia (Digby), I. Prince Edward.

**c.** — **modestus**, Baird — (*3390*); Bailey, l. c., 1900, p. 20; Elliot, l. c., 1901, p. 180. — Colorado, M^tes^ Rupestres, (Sawatch Pass, Cochetopa Pass), et à Columbia Brit., ad Novo-Mexico, Dakota, Idaho.

*insperatus*, Allen — (*3403*).

**d.** — **fontigenus**, Bangs — (*3385 a*); Bailey, l. c., 1900, p. 21; Elliot, l. c., 1901, p. 181. — Canada Or., (Lac. Edward, Quebec), usque ad Peninsula Harbor, Lac. Superior Sept.

**e.** — **labradorius**, Bailey — (*3385 f*); Bailey, l. c., 1900, p. 22; Elliot, l. c., 1901, p. 181. — Labrador, Ungava, (Fort Chimo).

f. — **shattucki**, Howe, Proc. Portl. Soc. Nat. Hist., 1901, p. 201. — Maine (I. Tumble Down Dick, prope Long Island).

4583. **drummondi**, Audubon et Bachm. — (*3391*); Bailey, l. c., 1900, p. 22; Elliot, l. c., 1901, p. 181; Allen, Bull. Am. Mus., 1903, p. 549.
*microcephalus*, Rhoads, Proc. Ac. Phil., 1894, p. 286. — Canada, Alberta (Jasper House, M^tes Rupestres), et ab Hudson Bay ad Alaska, à Northwest Territory (Fort Anderson), ad United States Sept.

4584. **stonei**, Allen, Bull. Amer. Mus. 1899, p. 5; 1903, p. 550 (rectificatio, bona sp.). — Northwest Territory.

4585. **aphorodesmus**, Preble, North-Amer. Fauna, No. 22, 1902, p. 52. — Canada, Hudson Bay, Barren Grounds (Keewatin).

4586. **aztecus**, Allen — (*3389*); Bailey, l. c., 1900, p. 24; Elliot, l. c., 1901, p. 182. — Novo-Mexico (Aztec), Colorado (Estes Park) ad fl. San Juan Vallum.

4587. **enixus**, Bangs — (*3387, 3387*); Bailey, l. c., 1900, p. 24; Elliot, l. c., 1901, p. 182. — Labrador Or., (Hamilton Inlet), usque ad Ungava Bay.

4588. **terrae-novae**, Bangs — (*3388*); Bailey, l. c., 1900, p. 25; Elliot, l. c., 1901, p. 182. — I. Terra-Nova (Newfoundland, Codroy), et I. Penguin.

4589. **breweri**, Baird — (*3386*); Bailey, l. c., 1900, p. 26; Elliot, l. c., 1901, p. 183. — Massachusetts (I. Muskeeget).

4590. **nesophilus**, Bailey, Science, 1898, p. 782; id., l. c., 1900, p. 26; Elliot, l. c., 1901, p. 183.
*insularis*, Bailey (nec Nillson) — (*3385^B*). — New-York (I. Great Gull).

4591. **montanus**, Peale — (*3398*); Bailey, l. c., 1900, p. 27, 28, f. 2; Elliot, l. c., 1901, p. 183.
*longirostris*, Baird — (*3411*). — California, M^t Shasta (ad fontes fl. Sacramento), Utah, Nevada et Oregon.

a. — **arizonensis**, Bailey — (*3398 b*); Bailey, l. c., 1900, p. 29; Elliot, l. c., 1901, p. 184. — Arizona Orient., (Springerville).

b. — **rivularis**, Bailey — (*3402^C b*); Bailey, l. c., 1900, p. 29; Elliot, l. c., 1901, p. 184. — Utah (S^t George).

4592. **nanus**, Merriam — (*3405*); Bailey, l. c., 1900, p. 30; Elliot, l. c., 1901, p. 184. — Idaho (M^s Pahsimeroi, 3200 m.), et ab Idaho Centr. ad Nevada, Colorado.

a. — **canescens**, Bailey — (*3405 b*); Bailey, l. c., 1900, p. 31; Elliot, l. c., 1901, p. 185. — Terr. Washington Sept. (Conconully) et Columbia Brit. Merid.

4593. **canicaudus**, Miller, Proc. Biol. Soc. Wash., 1897, p. 67; Bailey, l. c., 1900, p. 32; Elliot, l. c., 1901, p. 185. — Oregon (Vallo Willamette, Mac Coy), Washington Merid., M$^s$ Cascade Orient.

4594. **dutcheri**, Bailey — (*3398$^B$*); id., l. c., 1900, p. 32; Elliot, l. c., 1901, p. 185. — California Orient., (Big Cottonwood Meadows), Inyo et Tulare Cos.

4595. **nevadensis**, Bailey — (*3402$^C$*); id., l. c., 1900, p. 33; Elliot, l. c., 1901, p. 185. — Nevada, Nye Co., (Ash Meadows), Vallo Pahranagat.

4596. **californicus**, Peale — (*3397*); Bailey, l. c., 1900, p. 34, 35, f. 3; Elliot, l. c., 1901, p. 186. — California (Sinu San Francisco) et ab Oregon ad San Diego Co.

a. — **vallicola**, Bailey — (*3397 b*); Bailey, l. c., 1900, p. 36; Elliot, l. c., 1901, p. 186. — California Orient., Inyo Co., (Lone Pine)

b. — **constrictus**, Bailey, l. c., 1900, p. 36; Elliot, l. c., 1901, p. 186. — California Occid., (Cap. Mendocino).

4597. **edax**, Le Conte — (*3410*); Bailey, l. c., 1900, p. 37; Elliot, l. c., 1901, p. 187. — California Occ. et Merid., (urbi San Francisco).

4598. **scirpensis**, Bailey, l. c., 1900, p. 38; Elliot, l. c., 1901, p. 187. — California, Inyo Co., (Amargosa River).

4599. **operarius**, Nelson — (*3414*); Bailey, l. c., 1900, p. 39, f. 4; Elliot, l. c., 1901, p. 187. — Alaska, Norton Sound, (S$^t$ Michaels).

4600. **macfarlani**, Merriam, Proc. Wash. Acad., 1900, p. 25; Bailey, l. c., 1900, p. 40; Elliot, l. c., 1901, p. 187. — America Arctica ad Or. fl. Mackensie (Fort Anderson, Great Bear Lake Sept.).

4601. **yakutatensis**, Merriam, loc. cit., 1900, p. 22; Bailey, l. c., 1900, p. 40; Elliot, l. c., 1901, p. 188. — Alaska, Yakutat Bay, à Glacier Bay ad Prince William Sound.

4602. **kadiacensis**. Merriam (*3397$^C$*); Bailey, l. c., 1900, p. 41; Elliot, l. c., 1901, p. 188; Osgood, N.-Am. Fauna, No. 21, 1901, p. 64. — Alaska (I. Kadiak), Cook Inlet Region.

4603. **unalascensis**, Merriam — (*3397$^D$*); Bailey, l. c., 1900, p. 42; Elliot, l. c., 1901, p. 188. — Alaska (I. Unalaska).

a. — **popofensis**, Merriam, Proc. Wash. Acad., 1900, p. 22; Bailey, l. c., 1900, p. 42; Elliot, l. c., 1901, p. 188. — Alaska (Archip. Shumagin, I. Popof).

4604. **sitkensis**, Merriam — (*3397B*); Bailey, l. c., 1900, p. 43; Elliot, l. c., 1901, p. 189. — Alaska, Sitka (I. Baranof).

4605. **innuitus**, Merriam, Proc. Wash. Acad., 1900, p. 21; Bailey, l. c., 1900, p. 44; Elliot, l. c., 1901, p. 189. — I. St Lawrence (Mari Behring).

4606. **abbreviatus**, Miller, Proc. Biol. Soc. Wash. 1899, p. 13; Bailey, l. c., 1900, p. 44, 45, f. 5; Elliot, l. c., 1901, p. 189. — I. Hall, (Mari Behring).

a. — **fisheri**, Merriam, Proc. Wash. Acad., 1900, p. 23; Bailey, l. c., 1900, p. 45; Elliot, l. c., 1901, p. 190. — I. St Matthew (Mari Behring).

4607. **miurus**, Osgood, N.-Amer. Fauna, No. 21, 1901, p. 64. — Alaska (Cook Inlet ad Mare Behring).

4608. **townsendi**, Bachman — (*3408*); Bailey, l. c., 1900, p. 46; Elliot, l. c., 1901, p. 190. — Oregon (fl. Willamette ad fl. Columbia infer.), Columbia Brit. (Port Moody).

*occidentalis*, Peale — (*3396*).

4609. **tetramerus**, Rhoads — (*3409*); Bailey, l. c., 1900, p. 46, 47, f. 6; Elliot, l. c., 1901, p. 190. — I. Vancouver, Victoria (Beacon Hill Park).

4610. **longicaudus**, Merriam — (*3400*); Bailey, l. c., 1900, p. 48; Elliot, l. c., 1901, p. 191. — DakotaMerid.,(Custer, Black Hills), Wyoming.

4611. **mordax**, Merriam — (*3402*); Bailey, l. c., 1900, p. 48, 49, f. 7; Elliot, l. c., 1901, p. 191. — Idaho (M$^{s}$ Sawtooth, Lac. Sawtooth *vel* Alturus), M$^{tes}$ Rupestres, Cascade, Sierra Nevada, usque ad Novo-Mexico Sept.

a. — **vellerosus**, Allen, Bull. Amer. Mus., 1903, p. 548. — Canada, Alaska Merid., Columbia Britann.

*cautus*, Allen, l. c., 1899, p. 7.

4612. **macrourus**, Merriam, Proc. Acad. Philad., 1898, p. 353; Bailey, l. c., 1900, p. 50; Elliot, l. c., 1901, p. 191; Allen, l. c., 1903, p. 551. — Terr. Washington Sept.-Occ., (M$^{tes}$ Olympic, Lac. Cushman), Alaska usque ad Yakutat.

4613. **angusticeps**, Bailey — (*3402B*); id., l. c. 1900, p. 51; Elliot, l. c., 1901, p. 192. — California Sept.-Occ. (urbi Crescent), Oregon Merid.-Occid.

4614. **alticola**, Merriam — (*3401*); Bailey, l. c., 1900, p. 52; Elliot, l. c., 1901, p. 192. — Arizona Sept.-Occ., (M$^{s}$ San Francisco, LittleSpring,2700m.).

a. — **leucophaeus**, Allen — (*3412*); Bailey, l. c., 1900, p. 53; Elliot, l. c., 1901, p. 192. — Arizona Merid.-Orient., (M^s Graham).

4615. **mogollonensis**, Mearns — (*3406*); Bailey, l. c., 1900, p. 56; Elliot, l. c., 1901, p. 192. — Arizona Centrali (M^s Mogollon, Baker's Butte).

4616. **mexicanus**, Saussure — (*3404*); Bailey, l. c., 1900, p. 53. — Mexico, Puebla Or., (M^s Orizaba).

a. — **phaeus**, Merriam — (*3413*); Bailey, l. c., 1900, p. 54, 55, fig. 8. — Mexico Sept., Jalisco (Sierra Nevada de Colima, 3300 m.).

b. — **guadalupensis**, Bailey, Proc. Biol. Soc. Wash., 1902, p. 118. — Texas, El Paso Co. (M^tes Guadalupe, 2600 m.).

4617. **fulviventer**, Merriam — (*3404B*); Bailey, l. c., 1900, p. 55. — Mexico, Oaxaca Centrali, (Cerro San Felipe).

4618. **xanthognathus**, Leach (nec Harlan) — (*3392*); Bailey, l. c., 1900, p. 57, f. 9; Elliot, l. c., 1901, p. 193. — Canada Sept.-Occ., (Hudson Bay), ab Alberta Centrali ad Alaska.

4619. **chrotorrhinus**, Miller — (*3393*); Bailey, l. c., 1900, p. 58; Elliot, l. c., 1901, p. 193. — New-Hampshire (M^s Washington, Catskills), New Brunswick Quebec.

a. — **ravus**, Bangs, Proc. Biol. Soc. Wash., 1898, p. 188; Bailey, l. c., 1900, p. 59; Elliot, l. c., 1901, p. 193. — Labrador, (Black Bay).

4020. **borealis**, Richardson — (*3394*); Elliot, l. c., 1901, p. 194. — America Arctica, Terr. Hudson Bay, (Lac. Great Bear).

## D. **Lagurus**, Gloger, 1841.

*Georychus*, p., Eversmann, 1840; *Eremiomys*, Polyakoff, 1881. Gloger, Hand- und Hilfsbuch Naturgesch., I, 1841, p. XXXI, 97.

4621. **lagurus**, Pallas — (*3326*). — Siberia Occ., ab Oural ad Jaïk et Asia Centrali (3300 m.).

4622. **luteus**, Eversmann — (*3327*). — Turkestan (in Deserto ad Lac. Aral).

4623. **prevalskii** Büchner — (*3328*). — Asia Centrali (Gass, Zaïdam, etc.).

4624. **curtatus**, Cope — (*3330*); Bailey, N.-Am. Fauna, 17, 1900, p. 67, pl. 2, 3, fig. 6; Elliot, Field Columb. Mus., 1901, p. 194, f. 39, et p. 195. — Nevada Occ. (Pigeon Spring, M^s Magrader), California Or. (Death Valley).

4625. **pallidus**, Merriam — (*3331*); Bailey, l. c., 1900, p. 68, fig. 12, p. 67; Elliot, l. c., 1901, p. 195. — Dakota Sept., (Fort Buford), Montana (Calgary), Alberta.

4626. **pauperrimus**, Cooper — (*3329*); Bailey, l. c., 1900, p. 69; Elliot, l. c., 1901, p. 195. — Terr. Washington Or., (Snake River), Idaho Centrali, Utah, M^tes Uinta, in verso Sept.

E. **Alticola**, Blanford, 1881; Miller, 1896.

Blanford, Journ. Asiat. Soc. Bengal, L, pars 2, 1881, p. 93—96.

4627. **roylei**, Gray — (*3333*); Miller, Proc. Acad. Nat. Sc. Phil., 1899, p. 292, 293. — Asia Centrali. Cachemyr, (Chamba).

4628. **montosus**, True — (*3334*); Miller, l. c., 1899, p. 293. — Cachemyr Centrali, (3700 m.).

4629. **stoliczkanus**, Blanford — (*3332*); Miller, l. c., 1899, p. 292, 293. — Yarkand, Ladak Sept., (Kuenlun).

4630. **stracheyi**, Thomas — (*3336*); Miller, l. c., 1899, p. 292, 293. — M^s Himalaya (Dharmsala, 4000 m.),

4631. **lama**, Winton, P. Z. S., 1900, p. 196. — Turkestan Sinense (Lac. Arucho, 5800 m.).

4632. **kaznakovi**, Satunin, Annuaire Mus. Zool. S^t Petersb., VII, 1902, p. 581. — China Occ., Reg. fl. Caerulei (fl. Chitschju, 4300 m.).

4633. **blanfordi**, Scylly — (*3337*); Miller, l. c., 1899, p. 292, 293. — Himalaya Occid., (Gilgit, ad 3300 m.).

4634. **nanschanicus**, Satunin, Annuaire Mus. Zool. S^t Petersb., 1902, p. 575. — Nan-schan (Scharogol-dschin).

4635. **wynnei**, Blanford — (*3335*); Miller, l. c., 1899, p. 292, 293. — Himalaya Occid., (Cachemyr, Sonemarg).

4636. **albicauda**, True — (*3338*); Miller, l. c., 1899, p. 294, fig. 4*a*, pl. 12, 13, fig. 5. — Baltistan Vallo Braldu).

4637. **cricetulus**, Miller, l. c., 1899, p. 274, f. 4*b*, pl. 12, 13, f. 6. — Ladak (ad fl. Tso-Kyun, 5330 m.).

4638. **acrophilus**, Miller, l. c., 1899, p. 296, 294, f. 4*c*, pl. 12, 13, f. 7. — Ladak (Kara Korum Pass, 5800 m.).

F. **Hyperacrius**, Miller, 1896.

Miller, North-American Fauna, No. 12, 1896, p. 9, 54.

4639. **fertilis**, True — (*3339*). Cachemyr Centrali (M$^s$ Pir Panjal et Kaj Nag, 2300—4000 m.).

4640. **aitchisoni**, Miller — (*3340*). Cachemyr (Gulmerg, 3000 m.).

G. **Steneocranius**, Kascenko, 1901.

*Microtus*, p., Poliakoff, 1881.
Kascenko, Annuaire Mus. Zool. S$^t$ Petersb., VI, 1901, p. 166.

4640$^{bis}$ **slowzowi**, Poliakoff, 1881; Kascenko, l. c., 1901, p. 166. Siberia.

H. **Platycranius**, Kascenko, 1901.

Kascenko, Ann. Mus. Zool. S$^t$ Petersb., 1901, p. 166.

4640$^{ter}$ **strelzowi**. Kascenko, 1898; id., l. c., 1901, p. 166. Siberia.

I. **Orthriomys**, Merriam, 1898.

Merriam, Proc. Biol. Soc. Wash., 1898, p. 106.

4641. **umbrosus**, Merriam — (*3340$^B$*); Bailey, North-Am. Fauna, 17, 1900, p. 77, 76, fig. 15, pl. 2, fig. 8. Mexico, Oaxaca (M$^s$ Zempoaltepec, 2700 m.).

J. **Herpetomys**, Merriam, 1898.

Merriam, Proc. Biol. Soc. Wash., 1898, p. 107.

4642. **guatemalensis**. Merriam — (*3340$^C$*); Bailey, l. c., 1900, p. 78, fig. 16, pl. 2, fig. 9. Guatemala (Todos Santos, 3300 m.).

K. **Pedomys**, Baird, 1857.

Baird, Mamm. North-Amer., 1857, p. 517.

4643. **austerus**, Le Conte — (*3341*); Bailey, N.-Amer. Fauna, 17, 1900, p. 73, f. 14, pl. 3, f. 4; Elliot, Field Columb. Mus., 1901, p. 196, fig. 40.
*?ochrogaster*, Wagner, 1843.
*cinnamomeus*, Baird, — (*3343*). United States (Wisconsin), Vallo Mississipi usque ad Missouri Merid., Oklahoma, Kansas Or., Nebraska.

4644. **ludovicianus**, Bailey, l. c., 1900, p. 74; Elliot, l. c., 1901, p. 197. Louisiana Merid.-Occ., Iowa (Calcasieu Parish).

4645. **haydeni**, Baird (*3342*); Bailey, l. c., 1900, p. 75; Elliot, l. c., 1901, p. 197. — Dakota Merid., (Fort Pierre, Black Hills).

4646. **minor**, Merriam — (*3341a*); (bona sp.), Bailey, l. c., 1900, p. 75; Elliot, l. c., 1901, p. 197. — Dakota Sept., (Bottineau, M$^s$ Turtle), et ab Alberta ad Minneapolis.

## L. **Phaiomys**, Blyth, 1863.

*Lasiopodomys*, Lataste, 1887.
Blyth, Journ. As. Soc. Beng., 32, 1863, p. 89.

4647. **blythi**, Blanford — (*3344*); Miller, Proc. Acad. Philad., 1899, p. 281, 283, f. 1, pl. 12, 13, f. 1. — Thibet Occid., Yarkand (Lac. Chomoriri et Pankong, 4700 m.).

*leucurus*, Blyth (nec Gerbe).

4648. **mandarinus**, A. M.-Edwards — (*3345*). — China Occ., Gansu.

4649. **strauchi**, Büchner — (*3346*). — Thibet Sept., Gansu, (Zaïdam, 5000 m.).

**a.** — **fuscus**, Büchner — (*3346a*). — Thibet Sept.-Orient., (fl. Dy-tschju).

4650. **brandti**, Radde — (*3347*). — SiberiaOrient.-Merid., (Gobi, M$^s$ Gangy).

## M. **Pitymys**, Mac Murtrie, 1831.

*Psammomys*, Le Conte (nec Cretzs.), 1830; *Ammomys*, Bp., 1831; *Pinemys*, Lesson, 1836; *Terricola*, Fatio, 1867; *Microurus*, Major, 1876; † *Isodelta*, Cope, 1871.
Mac Murtrie, Cuvier's Anim. Kingd., I, App., 1831, p. 424 (nota), nov. nom.; — Le Conte, Ann. Lyc. Nat. Hist., III, 1830, p. 132 (Psammomys).

4651. † **speothen**, Cope — (*3382*). — †Pleistocaen. America Sept., Pennsylvania.

4652. † **didelta**, Cope — (*3348*). — † Pleistocaen. Pennsylvania.

*sigmodus*, Cope — (*3383*).

4653. † **involutus**, Cope — (*3384*). — † Pleistocaen. Pennsylvania.

4654. **pinetorum**, Le Conte — (*3349*); Bailey, N.-Am. Fauna, 17, 1900, p. 63, f. 11, pl. 3, f. 5; Elliot, Field Col. Mus., 1901, p. 198, f. 41. — Georgia Or., (Riceboro?), Carolina Sept. et Merid., Florida.

**a.** — **scalopsoïdes**, Audub. et Bachm., — (*3349 part.*); Bailey, l. c., 1900, p. 64; Elliot, l. c., 1901, p. 198. — New-York Merid., (LongIsland), inOccid. usque ad Illinois.

**b.** — **auricularis**, Bailey — (*3349c*); Bailey, l. c., 1900, p. 65; Elliot, l. c., 1901, p. 198. — Washington, Mississipi, M^tes^ Alleghany.

4655. **nemoralis**, Bailey — (*3349b*); Bailey, l. c., 1900, p. 65; Elliot, l. c., 1901, p. 199. — Indian Territory (Stilwell, M^tes^ Boston), Arkansas, Iowa.

4656. **quasiater**, Coues — (*3350*); Bailey, l. c., 1900, p. 66. — Mexico, Vera Cruz (Jalapa), Puebla Or., in montibus (ad 1600 m.).

4657. **subterraneus**. Sélys — (*3351*). — Europa Centrali, à Belgia, Gallia ad Germaniam.

**a.** — **pyrenaïcus**, Sélys — (*3351a*). — Gallia Merid.-Occid., (M^tes^ Pyreneae).

**b.** — **ibericus**, Gerbe — (*3351c*). — Hispania Merid., Lusitania.

**c.** — **incertus**, Sélys — (*3351d*). — Gallia Merid.-Orient., (Bouches-du-Rhône).

**d.** — **gerbei**, De l'Isle — (*3351f*). — Gallia Occident., (Loire-Inferieure).

4658. **savii**, Sélys — (*3351e*); Nehring, S.-B. Ges. Nat. Freund. Berl., 1902, p. 3. — Italia usque ad Calabriam, Gallia Merid.-Orient., Graecia, I. Scyros.

**a.** — **nebrodensis**, Mina-Palumbo — (*3351b*). — I. Sicilia.

4659. **thomasi**, Barret-Hamilton, Ann. Nat. Hist., 1903, XI, p. 306. — Montenegro (Beri, Vranici, Doljane).

N. **Chilotus**, Baird, 1857.

Baird, Mamm. N.-Amer., 1857, p. 516.

4660. **oregoni**, Bachman — (*3352*); Bailey, l. c., 1900, p. 70, 71, f. 13, pl. 2, 3, f. 7; Elliot, l. c., 1901, p. 200, et 199, fig. 42. — Oregon (Astoria), et à Puget Sound ad Californiam Septent.

*morosus*, Elliot, l. c., I, 1899, p. 227.

4661. **serpens**, Merriam — (*3354*); Bailey, l. c., 1900, p. 71; Elliot, l. c., 1901, p. 200. — Columbia Brit. Merid., (Agassiz), Washington Sept., à Puget Sound ad M^tes^ Cascade.

4662. **bairdi**, Merriam — (*3353*); Bailey, l. c., 1900, p. 72; Elliot, l. c., 1901, p. 200. — Oregon (Glacier Peak, Crater Lake, 2600 m.).

O. **Arvicola**, Lacép., 1799; (emend.) Lataste, 1883; Miller, 1896.

*Myonomes*, Coues; *Myonomes*, Allen et Auct.; *Aulacomys*, Rhoads, 1894. Lacépède, Tableau des Mamm., 1799, p. 10.

4663. **richardsoni**, De Kay — (*3417*); Bailey, N.-Am. Fauna, 17, 1900, p. 60; Elliot, Field Columb. Mus., 1901, p. 200. — America Arctica (Canada, Alberta, Jasper House).

a. — **macropus**, Merriam — (*3415*); Bailey, l. c., 1900, p. 61, 59, f. 10, pl. 2 et 3, fig. 2; Elliot, l. c., 1901, p. 201, f. 43. — Idaho(M^s^Pahsimeroi), M^tes^ Rupestres, à Canada ad Wasatch, Wyoming, Oregon, in montibus.

b. — **arvicoloïdes**, Rhoads — (*3416*); Bailey, l. c., 1900, p. 62; Elliot, l. c., 1901, p. 202. — Terr. Washington, (Kittitas Co., Lac. Kichelos, 2650 m.), Cascade Range, Oregon.

*principalis*, Rhoads — (*3418*).

4664. **calamorum**, Thomas, Ann. Nat. Hist., 1902, X, p. 167. — China Orientali (ad fl. Yangtse infer., prope Nankin).

4665. **terrestris**, Linné — (*3419*). — Europa et Asia Sept., ab I. Britannicis ad Siberiam.

a. — **amphibius**, Linné — (*3419a*, *3419a*); Satunin, Mitth. Kaukas. Mus., 1901, p. 44, 117. — Europa et Asia Sept., à Scandinavia ad Italiam et Caucasum.

† *amphibius foss.*, Nehring — (*3419a*, *3419a*). — † Pleistoc. Europa.

b. — **monticola**, Sélys — (*3419b*). — Gallia Merid., (M^tes^ Pyreneae).

4666. **persicus**, Filippi — (*3419 syn.*); Satunin, Mamm. Caucas., 1903, p. 59. — Persia et Asia Minor (usque ad Caucasum Merid.).

4667. **musignani**, Sélys — (*3420*). — Gallia Merid., Italia, Hispania, Lusitania.

a. — **illyricus**, Barret-Hamilton, Ann. Nat. Hist., 1899, III, p. 225. — Peninsula Turcica (Bosnia).

P. **Neofiber**, True, 1884.

True, Proc. U. S. Nat. Mus. Washington, VII, 1884, p. 170.

4668. **alleni**, True — (*3421*); Bailey, l. c., 1900, p. 79, fig. 17, pl. 2, 3, fig. 3; Elliot, l. c., 1901, p. 203 et 202, fig. 44. — Florida, Bravard Co., (I. Merritt, Georgiana), et ab Indian River ad Eden et Gainesville.

## 712. **Fiber,** G. Cuv., 1800.

*Ondatra,* Lacép.; *Castor,* p., L.; *Myocastor,* p., Kerr, 1792.
G. Cuvier, Tableau Elem. Hist. Nat. Anim., 1798, p. 141; Leçons Anat. Comp., 1800, I, tabl. 1.

4669. **zibethicus**, Linné — (*3422*); Elliot, Field Columb. Mus., II, 1901, p. 212, fig. 49; Osgood, N.-Amer. Fauna, No. 19, 1900, pl. 6, f. 3. — CanadaOr., à Labrador ad United States Merid., et ab Atlantico ad Pacificum usque ad Arizona.

**a.** — **pallidus,** Mearns — (*3422a*); Elliot, l. c., 1901, p. 213. — Arizona Centrali (FortVerde), Montana.

**b.** — **ripensis,** Bailey, Proc. Biol. Soc. Wash., 1902, p. 119. — Novo-Mexico (Pecos River ad Carlsbad, Eddy).

**c.** — **rivalicius**, Bangs — (*3422b*); Elliot, l. c., 1901, p. 213. — Louisiana (Burbridge), Vallo Mississipi infer., Alabama.

**d.** — **aquilonius,** Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 111; Elliot, l. c., 1901, p. 213. — Labrador, Hamilton Inlet (Rigoulette).

**e.** — **hudsonius,** Preble, N.-Amer. Fauna, No. 22, 1902, p. 53. — Canada Sept., Keewatin (Fort Churchill).

4670. **spatulatus**, Osgood, N.-Amer. Fauna, 19, 1900, p. 36, pl. 6, fig. 4; No. 21, 1901, p. 66; Elliot, l. c., 1901, p. 214; Allen, Bull. Amer. Mus., 1903, p. 551. — Canada, Northwest Territ. (Lake Marsh), Alaska Merid. (Reg. Yukon, Peninsula Kenaï).

4671. **obscurus**, Bangs — (*3423*); Elliot, l. c., 1901, p. 214. — Terra-Nova (Newfoundland, Codroy).

4672. **macrodon**, Merriam — (*3423B*); Elliot, l. c., 1901, p. 214. — Virginia (Lac. Drummond, DismalSwamp).

## 713. **Synaptomys,** Baird, 1857.

Baird, Mammals North-America, 1857, p. 558.

### A. **Synaptomys.**

4673. **cooperi**, Baird — (*3281* exclus. synon.); Elliot, Field Columb. Mus., II, 1901, p. 203, 204, fig. 45. — United States (?New Jersey Sept.).

**a.** — **stonei**, Rhoads = (*3281 synon.*); id., Proc. Acad. Philad., 1897, p. 305. *helatetes*, Merriam — (*3283*); Elliot, l. c., 1901, p. 204. — New Jersey, Atlantic Co., (Mays Landing); Virginia, Norfolk Co. (Dismal Swamp).

**b.** — **gossei**, Merriam — (*3283a*); Rhoads, l. c., 1897, p. 307; Elliot, l. c., 1901, p. 204; III, 1901, p. 498. — Kansas (Neosho Falls).

**c.** — **fatuus**, Bangs — (*3282*); Rhoads, l. c., 1897, p. 306; Elliot, l. c., 1901, p. 204. — Canada, Reg. Quebec, (Lac. Edward), Victoria Co., New Brunswick, Ontario.

B. **Mictomys**, True, 1894.

True, Proc. U. S. Nat. Mus., 1894, p. 242.

4674. **innuitus**, True — (*3284*); Elliot, l. c., 1901, p. 205, fig. 46. — Labrador, Ungava (Fort Chimo).

**a.** — **medioximus**, Bangs, Proc. N.-Engl. Zool. Club., 1900, p. 40. — Labrador (Lance-au-Loup).

4675. **sphagnicola**, Preble, Proc. Biol. Soc. Wash., 1899, p. 43; Elliot, l. c., 1901, p. 206. — New Hampshire (White M$^s$, M$^s$ Washington, Fabyans).

4676. **wrangeli**, Merriam — (*3285*); Elliot, l. c., 1901, p. 206. — Alaska Merid.-Occid., (Wrangel).

4677. **dalli**, Merriam — (*3286*); Elliot, l. c., 1901, p. 206; Osgood, N.-Am. Fauna, 21, 1901, p. 66. — Alaska Occid., Vallo fl. Yukon (Nulato), Cook Inlet.

4678. **andersoni**, Allen, Bull. Amer. Mus., 1903, p. 554. — Columbia Britann. Septent.

4679. **chapmani**, Allen, l. c., 1903, p. 555. — Columbia Brit., (M$^s$ Selkirk).

4680. **truei**, Merriam — (*3287*); Elliot, l. c., 1901, p. 207. — Territ. Washington Sept.-Occ., (Skagit Valley).

4681. **bullatus**, Preble, Proc. Biol. Soc. Wash., 1902, p. 181. — Canada Occ., Mackensie, (Fort Rae, Trout Rock).

## 714. **Lemmus**, Link, 1795.

*Myodes*, p., Pallas, 1811.

Link, Zool. Beitr. Natur., 1795, I, pars 2, p. 75.

4682. **lemmus**, Linné — (*3288*). — Europa et Asia Arcticae, Groenland.

*norwegicus*, Desmarest.

† *lemmus foss.*, Nehring — (*3288, 3288*). — † Pleistocaen. Europa media.

a. — † **crassidens**, Nehring, S.-B. Ges. Natur. Fr. Berl., 1899, p. 55, 56; Archiv. Naturg., I, 1899, p. 175, 177 et 178, fig. 1. — † Pleistocaen. Lusitania.

4683. **obensis**, Brants — (*3289*, exclus. syn.: »*trimucronatus*«). — Europa et Asia Sept., à Mari Albo ad Kamtschatka.

† *obensis foss.*, Nehring — (*3289 App.*). — † Pleistocaen. Europa media.

a. — **chrysogaster**, Allen, Bull. Amer. Mus., 1903, p. 151. — Siberia Orient. (Gichiga, ad littora Occ. Maris Okhotsk).

*schisticolor*, p., Middendorff (nec Lilljeborg), Sib. Reis. Säug., 1853, p. 108.

4684. **schisticolor**, Lilljeborg — (*3290*). — Europa Boreali (Scandinavia, Fennia, *nec* Siberia Orient).

4685. **trimucronatus**, Richardson — (*3289 part.*); Elliot, l. c., 1901, p. 207, 208, f. 47; Preble, N.-Am. Fauna, 22, 1902, p. 54. — America Arctica, (Point Lake, 65° lat.), Hudson Bay, Keewatin, (ad fl. Thlewiaza).

*albogularis*, Wagler, Schreb. Suppl., 1843, 3, p. 602.

a. — **alascensis**, Merriam, Proc. Wash. Acad., 1900, p. 26; Osgood, N.-A. Fauna, 19, 1900, p. 37. — Alaska (St Michael).

b. — **yukonensis**, Merriam, l. c., 1900, p. 27; Osgood, l. c., 1900, p. 38; Elliot, l. c., 1901, p. 208. — Reg. fl. Yukon (Charlie Creek, Rink Rapids).

c. — **helvolus**, Richardson, Fauna Bor.-Amer., 1829, p. 128; Elliot, l. c., 1901, p. 208; Allen, Bull. Amer. Mus., 1903, p. 556. — America Arctica, (Alpine Swamps, 56° lat.), Columbia Britann.

4686. **nigripes**, True — (*3291*); Elliot, l. c., 1901, p. 209. — Alaska Occ., (I. St George, I. Pribilof).

## 715. **Dicrostonyx**, Gloger, 1841.

*Cuniculus*, p., Wagler, 1832; *Misothermus*, Hensel, 1855; *Borioikon*, Poliakoff, 1881; *Tylonyx*, Schulze, 1897; † *Myolemmus*, Pomel, 1854.

Gloger, Gem. Hand- und Hilfsb. der Naturg., 1841, p. 79.

4687. **torquatus**, Pallas — (*3292*, *3292*, exclus. synon.: »*hudsonius*«, »*groenlandicus*« et »*ungulatus*«); Allen, Bull. Amer. Mus., 1903, p. 151. — Europa et Asia Arcticae à Lapponia ad Siberiam Or., Kamtschatka (Gichiga).

† *torquatus foss.*, Nehring — (*3292 App.*). — † Pleistocaen. Europa media.

4688. **hudsonius**, Pallas — (*3292 syn., 3292B*); Elliot, l. c., 1901, p. 209, 210, fig. 48. — America Arctica à Groenland ad Hudson Bay, Canada Sept.

*groenlandicus*, Traill — (*3292 part.*).

*ungulatus*, Baer — (*3292 part.*).

**a.** — **unalascensis**. Merriam, Proc. Wash. Acad., 1900, p. 25; Elliot, l. c., 1901, p. 210. — Alaska, (Unalaska).

**b.** — **nelsoni**, Merriam, l. c., 1900, p. 25; Elliot, l. c., 1901, p. 210. — Alaska (St Michael ad Point Barrow).

*alascensis*, Stone, Proc. Acad. Phil., 1900, p. 37. — »

**c.** — **richardsoni**, Merriam, l. c., 1900, p. 26; Preble, N.-Am. Fauna, 22, 1902, p. 54. — Canada Sept., Hudson Bay (Fort Churchill).

### 716. **Ellobius,** Fischer, 1814.

*Chtonoergus*, Nordmann, 1841; *Myospalax*, Blyth, 1846. Fischer, Zoognosia, 1814, III, p. 72—77.

4689. **talpinus**, Pallas — (*3424*); Satunin, Mitth. Kaukas. Mus., 1901, p. 51, 121; Mamm. Caucas., 1903, p. 60. — Rossia Merid., Turkestan. Asia Centrali.

**a.** — **tancrei**, Blasius — (*3424a*). — Siberia Merid., (Ms Altaï).

4690. **fuscicapillus**, Blyth — (*3425*). — Afghanistan (Quetta).

**a.** — **intermedius**, Scully — (*3425a*). — Herat, Gubran.

4691. **lutescens**, Thomas — (*3425B*); Satunin, Mamm. Caucas., 1903, p. 39, 60. — Kurdistan (Van, 1700 m.), Reg. Caucasi Merid.-Orient.

### 717. **Prometheomys,** Satunin, 1901.

Satunin, Zoolog. Anzeiger, 1901, p. 572.

4692. **schaposchnikowi**, Satunin, l. c., 1904, p. 572, fig. 1—4; Mamm. Caucas., 1903, p. 39, 41, 60. — Ms Caucasus (ad 2200 m.).

## Subfam. 12. **Myotalpinae.**

### 718. **Myotalpa,** Kerr, 1792; Allen, 1895.

*Siphneus*, Brants, 1827; *Georychus*, p., Lesson; *Myospalax*, Oken, 1816. Kerr, Anim. Kingd., I, 1792, p. 246; Allen, Bull. Amer. Mus., 1895, p. 181, 183.

4693. † **arvicolinus**, Nehring — (*3426*); Loczy, Wiss. Erg. Reise in Ostasien, 1899, III, pars 4, p. 17, pl. 11, fig. 2. — † Pleistocaen. China.

4694. **aspalax**, Pallas — (*3427*). — Siberia Merid.-Or., Mongolia, Dauria, Ms Altaï.

4695. **dybowskii**, Cherskey — (*3428*). — Siberia Orient., (Irkutsk).

4696. **fontanieri**. A. M.-Edwards — (*3429*). — Asia Centrali (Gansu), China Sept., (Pekin).

4697. **armandi**, A. M.-Edwards — (*3430*). — Mongolia, China Sept.-Occid.

4698. **spilurus**, A. M.-Edwards — (*3431*). — China Sept.

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## Familia IX. **Spalacidae.**

### Subfam. 1. **Rhizomyinae.**

#### 719. **Rhizomys**, Gray, 1831.

*Mus*, p., Raffles, 1822; *Nyctocleptes*, Temm., 1835; † *Typhlodon*, Falconer, 1868.
Gray, Proc. Zool. Soc. Lond., 1831, p. 95.

4699. † **sivalensis**, Falconer — (*3434, 3434*). — † Miocaen. India (Ms Siwalik).

4700. **sumatrensis**, Raffles — (*3432, 3432*); Bonhote, Fasciculi Malay., 1903, p. 38. — Malacca (Jalor, Perak Merid.), Sumatra.

*erythrogenys*, Anderson — (*3432a*).

4701. **badius**, Hodgson — (*3433, 3433*). — Ms Himalaya à Nipal ad Assam, Birma.

**a.** — **minor**, Gray — (*3433 part.*); Thomas, P. Z. S., 1900, p. 195. — Cochinchina (Siam), Cambodja.

4702. **pruinosus**, Blyth — (*3435, 3435*). — Assam, Ms Khasia, Naga et Kakh, Birma Super.

4703. **sinensis**, Gray — (*3436, 3436*); Thomas, P. Z. S., 1898, p. 775. — China, Kuatun (1000 m.).

4704. **vestitus**, A. M.-Edwards — (*3437*). — Thibet Orient., (Moupin).

## 720. **Tachyoryctes,** Rüpp., 1835.

*Rhizomys*, p., Auct.; *Chrysomys*, Gray, 1843;
*Bathyergus*, Rüpp., 1834.
Rüppel, Neue Wirbelthiere Fauna Abyss., Säug., 1835, p. 35 (nota).

4705. **macrocephalus**, Rüppel — (*3438*). — Abyssinia (Choa).

4706. **splendens**, Rüppel — (*3439*, *3439*). — Abyssinia Centrali (3300 m.), Somali, M$^{s}$ Kilimanjaro.

a. — **ibeanus**, Thomas, P. Z. S., 1900, p. 179. — Ibea.

4707. **annectens**, Thomas — (*3440*, *3440*). — Africa Orient., (Lac. Naivasha Or., Mianzini).

## 721. **Spalax,** Güldenst., 1770.

*Ommatostergus*, Nordm., 1839; *Nannospalax*, Palmer, 1903.
Güldenstädt, Nov. Comm. Acad. Sc. Petropol., XIV, 1770, p. 409.

4708. † **priscus**, Nehring — (*3441$^{D}$*); id., S.-B. Ges. Nat. Berl., 1898, p. 4, f. 3. — † Pliocaen. Super. Ungaria.

4709. **typhlus**, Pallas — (*3441*, excl. syn.); Nehring, l. c., 1898, fig. — Rossia Merid., Turkestan.

4710. **hungaricus**, Nehring — (*3441$^{B}$*) *nec* Matschie. — Ungaria.

4711. **dolbrogeae**, Miller, Proc. Biol. Soc. Wash., 1903, p. 161.
*hungaricus*, p., Matschie (nec Nehring), S.-B. Ges. Nat. Berl., 1901, p. 237. — Rumania (Dobrudscha, Malcociu, Prundu).

4712. **monticola**, Nehring — (*3441$^{C}$*). — Bosnia, Herzegovina, (1200 m.).

4713. **graecus**, Nehring — (*3441$^{E}$*). — Graecia (Athena).

4714. **giganteus**, Nehring — (*3441$^{F}$*); id., l. c., 1900, p. 210; Satunin, Mitth. Kauk. Mus., 1901, p. 54, 122; Mamm. Caucas., 1903, p. 60, et 45. — Rossia Merid.-Occid., ad Mare Caspi (Petrowsk in Steppes), fl. Terek.

4715. **microphthalmus**, Güldenst. — (*3441*, *part.*, *3441$^{G}$*); Nehring, l. c., 1898, p. 4, f. 1, 2; Satunin, l. c., 1901, p. 52, 121; l. c., 1903, p. 60, et 45. — Rossia Merid., Sarepta, Ekaterinoslaw (in Steppes).

4716. † **fritschi**, Nehring, l. c., 1902, p. 77, fig. p. 78. — Pleistocaen. Palaestina (M$^{s}$ Libanon).

4717. **nehringi**, Satunin — (*3441K*); id., Mamm. Caucas., 1903, p. 60, et 45. — Caucasus, Araxes (Kasikoporan. 2000 m.).

4718. **kirgisorum**, Nehring — (*3441H*); id., S.-B. Ges. Nat. Berl., 1898, p. 4, f. 4. — Transcaspia (Steppes Kirghis).

4719. **ehrenbergi**, Nehring — (*3441I*); id., l. c., 1898, p. 4, f. 2*b*. — Palaestina (Jaffa).

4720. **berytensis**, Miller, Proc. Biol. Soc. Wash., 1903, p. 162. — Syria (Beyrout).

4721. **intermedius**, Nehring — (*3441M*). — Syria Septent.

4722. **aegyptiacus**, Nehring — (*3441L*); id., l. c., 1900, p. 210, ex Sordelli, Bull. Soc. Ital. Sc. Nat., 1899, p. 357; Anderson et Winton, Mamm. of Egypt, 1902, p. 292, pl. 52. — Ægyptus Sept., (Cyrenaïca).

### Incertae Sedis.

722. † **Elomys**, Aymard, 1848.

Aymard, Ann. Soc. Agric. du Puy, XII, 1848, p. 227.

4723. † **priscus**, Aymard — (*3442*). — † Miocaen. Gallia Centrali.

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## Familia X. **Geomyidae.**

723. **Geomys**, Rafin., 1817.

*Diplostoma*, Rafin., 1817; *Saccophorus*, Kuhl, 1820; *Pseudostoma*, Say, 1823; *Ascomys*, Licht., 1822. Rafinesque, Amer. Monthl. Magaz., II, 1817, p. 45.

4724. † **bisulcatus**, Marsh — (*3445*). — † Miocaen. America Sept., Nebraska.

4725. **tuza**, Ord — (*3443*); Elliot, Field Columb. Mus., II, 1901, p. 215, 216, fig. 50. — Georgia (Augusta), Florida Sept.

*pinetis*, Rafinesque. — »

**a.** — **floridanus**, Audubon et Bachm., — (*3443a*); Elliot, l. c., 1901, p. 215; (bona sp.), Bangs, Proc. Bost. Soc., 1898, p. 176. — Florida Peninsula (St Augustine), St John Co.

**b.** — **mobilensis**, Merriam — (*3443b*); Elliot, l. c., 1901, p. 216. — Alabama Merid., (Mobile Bay), Florida Sept.-Occid.

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| c. — **austrinus**, Bangs, Proc. Bost. Soc., 1898, p. 179, f. 177.<br>*floridanus austrinus*, Bangs. | Florida Peninsula Occid., Hillsboro Co., (Belleair). |
| 4726. **colonus**, Bangs — (*3443B*); Elliot, l. c., 1901, p. 217. | Georgia, Camden Co., (St Mary's). |
| 4727. **cumberlandius**, Bangs — (*3443D*); Elliot, l. c., 1901, p. 217. | Georgia, I. Cumberland (Stafford Place). |
| 4728. **bursarius**, Shaw — (*3444*); Elliot, l. c., 1901, p. 217. | Vallo Mississipi. et à Canada Merid. ad Kansas, Missouri, Illinois, Lac. Michigan, Dakota, Nebraska. |
| 4729. **lutescens**, Merriam — (*3446*); Elliot, l. c., 1901, p. 218. | Nebraska Occid., Lincoln Co., (Birdwood Creek), Dakota merid., Colorado, Oklahoma, Texas Occid. |
| 4730. **breviceps**, Baird — (*3447*); Elliot, Field Columb. Mus., 1901, p. 218. | Louisiana (Prairie Mer Rouge, Morehouse Parish), Arkansas, Texas. |
| a. — **sagittalis**, Merriam — (*3447a*); Elliot, l. c., 1901, p. 218. | Texas Merid.-Or., (Clear Creek, Galveston Bay). |
| b. — **attwateri**, Merriam — (*3447b*); Elliot, l. c., 1901, p. 219. | Texas, Arkansas Co., (Rockport). |
| 4731. **texensis**, Merriam — (*3448*); Elliot, l. c., 1901, p. 219. | Texas, Mason Co., (Mason), usque ad Rio Grande. |
| 4732. **arenarius**, Merriam — (*3449*); Elliot, l. c., 1901, p. 219. | Texas (El Paso), Vallo Rio Grande Sup., Mexico, Chihuahua, Novo-Mexico. |
| 4733. **personatus**, True — (*3450*); Elliot, l. c., 1901, p. 220. | Texas (I. Padre), et in Continento (Carrizo, Rio Grande). |
| a. — **fallax**, Merriam — (*3450a*); Elliot, l. c., 1901, p. 220. | Texas (Nueces Bay merid.), ad fl. Nueces infer. |

## 724. **Pappogeomys,** Merriam, 1895.

*Geomys,* p., Auct.
Merriam, North-Amer. Fauna, No 8, 1895, p. 145.

4734. **bulleri**, Thomas — (*3451*). — Mexico, Jalisco, (Sierra Nevada de Colima, Sierra de Mascota).
*nelsoni*, Merriam.

4735. **albinasus**, Merriam — (*3452*). — Mexico, Jalisco, (Guadalajara).

## 725. **Cratogeomys,** Merriam, 1895.

*Geomys,* p., Auct.; *Pseudostoma,* Baird, 1852.
Merriam, N.-Amer. Fauna, No 8, 1895, p. 150.

4736. **castanops**, Baird — (*3458*); Elliot, Field Columb. Mus., 1901, p. 220, 221, fig. 51. — Colorado (Las Animas ad fl. Arkansas), Novo-Mexico, Texas Occ., Chihuahua, Coahuila.
*clarki*, Baird.

a. — **goldmanni**, Merriam — (*3458a*). — Mexico (Zacatecas, Cañitas).

4737. **merriami**, Thomas — (*3453*). — Mexico (Vallo Mexico merid., in Montibus).

4738. **perotensis**, Merriam — (*3454*). — Mexico, Vera Cruz (Cofre de Perote).

4739. **estor**, Merriam — (*3455*). — Vera Cruz (Las Vigas).

4740. **oreocetes**, Merriam — (*3456*). — M$^{s}$ Popocatapetl.

4741. **peregrinus**, Merriam — (*3457*). — M$^{s}$ Iztacihuatl.

4742. **fulvescens**, Merriam — (*3459*). — Mexico, Puebla (M$^{s}$ Orizaba).

## 726. **Platygeomys,** Merriam, 1895.

*Geomys,* p., Merriam, 1892.
Merriam, North-American Fauna, No 8, 1895, p. 162.

4743. **gymnurus**, Merriam — (*3460*). — Mexico, Jalisco, (Zapotlan).

4744. **tylorhinus**, Merriam — (*3461*). — Mexico, Hidalgo, (Tula).

a. — **angustirostris**, Merriam, Proc. Biol. Soc. Wash., 1903, p. 81. — Michoacan, (Patamban).

4745. **planiceps**, Merriam — (*3462*). — Mexico (Vulc. Toluca, in verso Sept.).

4746. **neglectus**, Merriam, Proc. Biol. Soc. Wash., 1902, p. 68. — Mexico, Queretaro, (Cerro de la Calentura, 3000 m.).

4747. **fumosus**, Merriam — (*3463*). — Mexico, Colima (prope urbem Colima).

## 727. **Orthogeomys,** Merriam, 1895.

*Geomys*, p., Thomas, 1893.
Merriam, North-Amer. Fauna, No 8, 1895, p. 172.

4748. **scalops**, Thomas — (*3464*). — Mexico, Oaxaca, (Tehuantepec).

4749. **grandis**, Thomas — (*3465*). — Guatemala (Duenas).

4750. **nelsoni**, Merriam — (*3466*). — Mexico Oaxaca, (M$^{s}$ Zempoaltepec, 2700 m.).

4751. **latifrons**, Merriam — (*3467*). — Guatemala.

## 728. **Heterogeomys,** Merriam, 1895.

*Geomys*, p., Le Conte, 1852.
Merriam, North-Amer. Fauna, No 8, 1895, p. 179.

4752. **hispidus**, Le Conte — (*3468*). — Mexico, Vera Cruz, (prope Jalapa).

4753. **torridus**, Merriam — (*3469*). — Vera Cruz (Chichicaxtle).

## 729. **Macrogeomys,** Merriam, 1895.

*Geomys*, p., Peters, 1864.
Merriam, N.-Amer. Fauna, No 8, 1895, p. 185.

4754. **heterodus**, Peters — (*3470*). — Costa Rica.

4755. **dolichocephalus**, Merriam — (*3471*). — Costa Rica (San José).

4756. **cavator**, Bangs, Bull. Mus. Comp. Zool., 1902, p. 42, fig. 24—25. — Panama, Chiriqui (Boquete, 1300—2300 m.).

4757. **pansa**, Bangs, l. c., 1902, p. 44, fig. 26. — Chiriqui, (Bogaba).

4758. **costaricensis**, Merriam — (*3472*). — Costa Rica, (Pacuare).

4759. **cherriei**, Allen — (*3473*). — Costa Rica, (Santa Clara).

## 730. **Zygogeomys,** Merriam, 1895.

Merriam, North-Amer. Fauna, No 8, 1895, p. 195.

4760. **trichopus**, Merriam — (*3474*). Mexico, Michoacan, (Nahuatzin).

## 731. **Thomomys,** Wied, 1839.

*Geomys*, p., Richards., 1828; *Diplostoma*, p., Richards, 1829; *Oryctomys*, Eyd. et Gerv., 1836.
Maximilian von Wied-Neuwied, Nova Acta Acad. Leopold., XIX, 1839, pars 1, p. 377.

4761. **bulbivorus**, Richardson — (*3475*); Elliot, Field Columb. Mus., II, 1901, p. 222, fig. 52. Oregon (ad fl. Columbia), usque ad Californiam, in Sept. San Francisco.

4762. **nevadensis**, Merriam — (*3475$^{B}$*); Elliot, l. c., 1901, p. 223. Nevada (Austin).

4763. **leucodon**, Merriam — (*3477$^{B}$*); Elliot, l. c., 1901, p. 223. Oregon (Rogue River Valley, Grant Pass).

**a.** — **navus**, Merriam, Proc. Biol. Soc. Wash., 1901, p. 112. California, (Red Bluff).

4764. **operarius**, Merriam — (*3477$^{C}$*); Elliot, l. c., 1901, p. 223. California Orient., Inyo Co., (Keeler, Owens Lake).

4765. **bottai**, Eydoux et Gervais — (*3476*); Elliot, l. c., 1901, p. 223. California Centrali et Merid. (Monterey).

**a.** — **pallescens**, Rhoads — (*3476 a*); Elliot, l. c., 1901, p. 224. California Merid., Vallo San Bernardino, (Grapelands).

4766. **laticeps**, Baird — (*3477*); Elliot, l. c., 1901, p. 224. California Sept., (Humboldt Bay).

4767. **townsendi**, Richardson — (*3478*); Elliot, l. c., 1901, p. 224. Wyoming (M$^{tes}$ Rupestres), et ad fl. Columbia.

4768. **monticola**, Allen — (*3479*); Elliot, l. c., 1901, p. 225; Merriam, N.-Am. Fauna, 16, 1899, p. 97. California Sept., Eldorado Co., (M$^{s}$ Talac), à Sinu San Francisco ad M$^{s}$ Shasta, Nevada Sept.-Occid.

**a.** — **pinetorum**, Merriam, N.-Am. Fauna, No 16, 1899, p. 97; Elliot, l. c., 1901, p. 225. Siskiyou Co., (Sisson).

4769. **mazama**, Merriam — (*3479B*); Elliot, l. c., 1901, p. 225. — Oregon (Ms Mazama, Crater Lake).

4770. **quadratus**, Merriam — (*3479C*); Elliot, l. c., 1901, p. 225. — Oregon (The Dalles), ?Campis ad fl. Columbia.

4771. **nasicus**, Merriam — (*3479D*); Elliot, l. c., 1901, p. 226. — Oregon (ad fl. Des Chûtes, Farewell Bend).

4772. **douglasi**, Richardson — (*3480*); Elliot, l. c., 1901, p. 226. — Oregon (Portland), et à Columbia Brit. ad fl. Columbia infer.

- **a.** — **yelmensis**, Merriam, Proc. Biol. Soc. Wash., 1899, p. 21; Elliot, l. c., 1901, p. 226. — Washington Merid.-Occid., (Yelm Prairie, Tenino).
- **b.** — **oregonus**, Merriam, Proc. Biol. Soc. Wash., 1901, p. 115. — Oregon (Vallo Willamette, urbi Oregon).

4773. **limosus**, Merriam, l. c., 1901, p. 116. — Terr. Washington (Gorge of Columbia, White Salmon).

4774. **niger**, Merriam, l. c., 1901, p. 117. — Oregon, ad ostia fl. Umpqua (Seaton).

4775. **fuscus**, Merriam — (*3480a*); Elliot, l. c., 1901, p. 226; (bona sp.), Merriam, Proc. Biol. Soc. Wash., 1901, p. 111. — Idaho Centrali (in montibus, fl. Big Lost ad fontes).

- **a.** — **fisheri**, Merriam, l. c., 1901, p. 111. — California, Plumas Co., (Vallo Sierra).

4776. **myops**, Merriam, l. c., 1901, p. 112. — Terr. Washington, Cascade Range, (Coneonully).

4777. **uinta**, Merriam, l. c., 1901, p. 112. — Utah, Mtes Uinta (3330 m.).

4778. **talpoïdes**, Richardson — (*3482*); Elliot, l. c., 1901, p. 227. — Canada Sept. ad Hudson Bay, Saskatchewan, usque ad Missouri Sup.

- †*talpoïdes foss.*, Cope — (*3482*). — †Pliocaen. Oregon.
- **a.** — **rufescens**, Wied — (*3482a*); Elliot, l. c., 1901, p. 227. — Vallo Missouri Sup., et Saskatchewan.

4779. **bridgeri**, Merriam, l. c., 1901, p. 113. — Wyoming (Fort Bridger).

4780. **melanops**, Merriam, Proc. Biol. Soc. Wash., 1899, p. 21; Elliot, l. c., 1901, p. 227. — Terr. Washington, Mtes Olympic (Solduck Trail).

4781. **hesperus**, Merriam, l. c., 1901, p. 116. — Oregon (Tillamook).

4782. **fulvus**, Woodhouse — (*3483*); Elliot, l. c., 1901, p. 227. — Novo-Mexico (M^tes San Francisco), Arizona usque ad Californiam Central.

a. — **nigricans**, Rhoads — (*3483a*); Elliot, l. c., 1901, p. 228. — California, Vallo San Bernardino (Grapelands).

b. — **intermedius**, Mearns — (*3483b*); Elliot, l. c., 1901, p. 228. — Arizona (M^tes Huachuca), à Colorado Plateau ad Mexico.

c. — **texensis**, Bailey, Proc. Biol. Soc. Wash., 1902, p. 119. — Texas (M^tes Davis, Limpid Creek, 1900 m.).

d. — **anitae**, Allen — (*3483e*). — California infer., (Santa Anita).

e. — **martirensis**, Allen — (*3483d*). — Calif. infer. (M^s San Pedro Martir, 2700 m.).

f. — **alticolus**, Allen, Bull. Amer. Mus., 1899, p. 13. — Calif. infer. (Sierra Laguna, 2330 m.).

4783. **desertorum**, Merriam, l. c., 1901, p. 114. — Arizona, Vallo Detrital, (Mud Spring).

4784. **angularis**, Merriam — (*3483F*); Elliot, l. c., 1901, p. 228. — California Occid., (Merced Co., Los Baños).

a. — **pascalis**, Merriam, l. c., 1901, p. 111. — Calif., (San Joaquin Valley, Fresno).

4785. **alpinus**, Merriam — (*3483C*); Elliot, l. c., 1901, p. 229. — California Orient., (High Sierra, M^s Whitney).

4786. **clusius**, Coues — (*3481*); Elliot, l. c., 1901, p. 229. — M^tes Rupestres (Bridger's Pass), Utah, Uncompahgre Reservation, Wyoming, Idaho Centr. et Merid.

a. — **ocius**, Merriam, l. c., 1901, p. 114. — Wyoming (Fort Bridger).

4787. **idahoensis**, Merriam, l. c., 1901, p. 114. — Idaho (Birch Creek)

4788. **pygmaeus**, Merriam, l. c., 1901, p. 115. — Idaho (Montpellier Creek, 2230 m.).

4789. **aureus**, Allen — (*3486*); Elliot, l. c., 1901, p. 229. — Utah Merid.-Orient., (Bluff City), Reg. San Juan.

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| a. — **pervagus**, Merriam, l. c., 1901, p. 110. | Novo-Mexico, (Espanola). |
| b. — **perpes**, Merriam, l. c., 1901, p. 111. | California (Owens Valley, Lone Pine). |
| c. — **lachuguilla**, Bailey, Proc. Biol. Soc. Wash., 1902, p. 120. | Texas, ad pedes M$^{tium}$ aridarum (El Paso). |
| 4790. **latirostris**, Merriam, l. c., 1901, p. 107. | Arizona (Painted Desert, Little Colorado Desert). |
| 4791. **perpallidus**, Merriam — (*3484*); Elliot, l. c., 1901, p. 229. | California Merid., (Deserto Colorado), Arizona (Painted Desert). |
| 4792. **cabezonae**, Merriam, l. c., 1901, p. 110. | California (San Gorgonio Pass, Cabezon). |
| 4793. **cervinus**, Allen — (*3487*); Elliot, l. c., 1901, p. 230. | Arizona Merid., (Phoenix). |
| 4794. **sinaloae**, Merriam, l. c., 1901, p. 108. | Mexico, Sinaloa, (Altata). |
| 4795. **altivalis**, Rhoads — (*3485*); Elliot, l. c., 1901, p. 230. | California Merid.-Or., (M$^{tes}$ San Bernardino). |
| 4796. **fossor**, Allen — (*3488*); Elliot, l. c., 1901, p. 230. | Colorado, La Plata Co., (Florida), Reg. San Juan super. |
| 4797. **toltecus**, Allen — (*3489*). | Mexico, Chihuahua Sept. (Juarez). |
| 4798. **perditus**, Merriam, l. c., 1901, p. 108. | Mexico, Nuevo Leon, (Lampazos). |
| 4799. **goldmanni**, Merriam, l. c., 1901, p. 108. | Mexico, Durango, (Mapimi). |
| 4800. **baileyi**, Merriam, l. c., 1901, p. 109. | Texas (Sierra Blanca). |
| 4801. **nelsoni**, Merriam, l. c., 1901, p. 109. | Mexico, Chihuahua, (Parral). |
| 4802. **orizabae**, Merriam — (*3490*). | Mexico Merid., (M$^{s}$ Orizaba). |
| 4803. **atrovarius**, Allen — (*3490$^{B}$*). | Mexico, Sinaloa, (Tatemales). |
| 4804. **peregrinus**, Merriam — (*3491*). | Mexico Centrali et Merid., (Salazar). |

## Incertae Sedis.

[† *Protoptychidae*, Tullberg, 1899.]

### 732. † **Protoptychus,** Scott, 1895.

Scott, Proc. Acad. Philad., 1895, p. 269.

4805. † **hatcheri**, Scott — (*3492*); Tullberg, Syst. der Nagethiere, 1899, p. 464. [1]) — † Eocaen. Uinta (Utah).

### 733. † **Heliscomys,** Cope, 1873.

Cope, Synops. New. Vert. Tert. Colorado, 1873, p. 3.

4806. † **vetus**, Cope — (*3495*); Matthew, Bull. Amer. Mus., 1899, p. 52. — † Oligocaen. Colorado

### 734. † **Pleurolicus,** Cope, 1878.

Cope, Palæont. Bull. No 30, 1878, p. 4.

4807. † **sulcifrons**, Cope — (*3496*); Matthew, Bull. Amer. Mus., 1899, p. 62. — † Miocaen. Oregon.

4808. † **leptophrys**, Cope — (*3497*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

4809. † **diplophysus**, Cope — (*3498*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

### 735. † **Entoptychus,** Cope, 1878.

Cope, Palæont. Bull. No 30, 1878, p. 2.

4810. † **cavifrons**, Cope — (*3499*); Matthew, Bull. Amer. Mus., 1899, p. 62. — † Miocaen. Oregon.

4811. † **planifrons**, Cope — (*3500*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

4812. † **lambdoïdeus**, Cope — (*3501*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

4813. † **minor**, Cope — (*3502*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

4814. † **crassiramis**, Cope — (*3503*); Matthew, l. c., 1899, p. 62. — † Miocaen. Oregon.

[1]) Le genre † **Gymnoptichus** (Cope), synonyme d'**Ischyromys** (Leidy) appartient à la famille des *Ischyromyidae* (Voyez ci-après).

## Familia XI. †**Ischyromidae.**[1])

### Subfam. 1. †**Adjidauminae.**

#### 736. †**Adjidaumus,** Hay, 1899 (emend.) Trt., 1904.

*Gymnoptychus p.*, Cope, 1874 (nec 1873); Matthew, 1903. »*Adjidaumo*«,[2]) Hay, Science, X, 1899, p. 253.

4815. †**minutus**, Cope, Ann. Report 1874, p. 476, (*nec* Synops. 1873) — (*3493 part.*); Hay, Science, 1899, p. 253; Tullberg, Nagethiere, 1899, p. 480. — †Oligocaen. Colorado.

*nasutus*, Cope. — »

4816. †**trilophus**, Cope — (*3494*); Hay, l. c., 1899, p. 253. — †Oligocaen. Colorado.

4817. †**minor**, Douglass *(Emmys)*, Trans. Amer. Phil. Soc., 1901, p. 16; Matthew, l. c., 1903, p. 215, fig. 10 *(Gymnoptychus)*. — †Oligocaen. infer. Montana.

4818. †**minimus**, Matthew, l. c., 1903, p. 216, fig. 11 *(Gymnoptychus)*. — †Oligocaen. infer. Montana.

### Subfam. 2. †**Ischyromyinae.**

#### 737. †**Paramys,** Leidy, 1871.

*Plesiarctomys*, p., Leidy; *Pseudotomus*, Cope, 1872; *Sciuravus*, Marsh. 1871.
Leidy, Proc. Acad. Nat. Sc. Philad., 1871, p. 230.

4819. †**delicatus**, Leidy — (*2528*); Matthew, Bull. Amer. Mus., 1899, p. 38. — †Eocaen. Wyoming.

4820. †**delicatior**, Leidy — (*2529*); Matthew, l. c., 1899, p. 30, 35, 38. — †Eocaen. Wyoming, Novo-Mexico.

4821. †**delicatissimus**, Leidy (*2530*); Matthew, l. c., 1899, p. 30, 34, 39. — †Eocaen. Wyoming. Novo-Mexico.

[1]) La position systématique de cette famille reste douteuse. Dans le *Catalogus* de 1897—1898, elle est placée parmi les *Sciuromorpha* (p. 451). — Dans un récent travail, Matthew dit (au sujet des genres *Gymnoptichus* = *Adjidaumus* et *Heliscomys*): » ... they are, in fact, rather remote relatives of any modern type, and combine characters of *Sciuridae, Geomyidae* and *Heteromyidae*, with others peculiar to themselves or shared by the *Ischyromyidae*«. On devra probablement la placer dans les *Protoglires*.

[2]) Conformément aux régles de la nomenclature *latine*, nous avons dû modifier ce nom barbare en *Adjidaumus*. Hay place ce genre dans les *Sciuridae*.

4822. †**buccatus**, Cope — (*2531*); Matthew, l. c., 1899, p. 30, 39. †Eocaen. Novo-Mexico, Wyoming.

4823. †**hians**, Cope — (*2532*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4824. †**leptodus**, Cope — (*2533*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4825. †**sciuroïdes**, Scott et Osborn — (*2534*); Matthew, l. c., 1899, p. 49. †Eocaen. Utah.

4826. †**uintensis**, Osborn — (*2535*); Matthew, l. c., 1899, p. 49. †Eocaen. Utah.

4827. †**robustus**, Marsh — (*2536*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4828. †**undans**, Marsh — (*2537*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4829. †**nitidus**, Marsh — (*2538*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4830. †**parvidens**, Marsh — (*2539*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

4831. †**sp.**, Leidy — (*2540*). †Eocaen. Wyoming.

4832. †**superbus**, Osborn, Scott et Speir, Pal. Rep. Princeton Exp., 1878, p. 84. †Eocaen. Wyoming.

### 738. †**Tillomys,** Marsh, 1872.

Marsh, Amer. Journ. Sc., 1872, IV, p. 219.

4833. †**senex**, Marsh — (*2541*); Matthew, Bull. Am. Mus., 1899, p. 39. †Eocaen. Wyoming.

4834. †**parvus**, Marsh — (*2542*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

### 739. †**Taxymys,** Marsh, 1872.

Marsh, Am. Journ. Sc., 1872, IV, p. 219.

4835. †**lucaris**, Marsh — (*2543*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

### 740. †**Colonomys,** Marsh, 1872.

Marsh, Amer. Journ. Sc., 1872, IV, p. 220.

4836. †**celer**, Marsh — (*2544*); Matthew, l. c., 1899, p. 39. †Eocaen. Wyoming.

741. † **Ischyromys,** Leidy, 1856.

*Colotaxis,* Cope, 1873; *Gymnoptychus,* p., Cope, 1873 (*nec* 1874).
Leidy, Proc. Acad. Philad., 1856, p. 89.

4837. † **typus**, Leidy — (*2545*); Matthew, l. c., 1899, p. 52; Tullberg, Nagethiere, 1899, p. 463. — † Oligocaen. Dakota Merid., Nebraska, Colorado.

4838. † **veterior**, Matthew, Bull. Amer. Mus., 1903, p. 211. — † Oligocaen. infer. Montana.

742. † **Sciuromys,** Schlosser, 1884.

Schlosser, Palæontogr., 1884, p. 82.

4839. † **cayluxi**, Schlosser — (*2546*). — † Oligocaen. Gallia Merid.

743. † **Mysops,** Leidy, 1871.

*Syllophodus,* Cope, 1883.

4840. † **minimus**, Leidy — (*2547*); Matthew, Bull. Amer. Mus., 1899, p. 39. — † Eocaen. Wyoming.

4841. † **fraternus**, Leidy — (*2548*); Matthew, l. c., 1899, p. 39. — † Eocaen. Wyoming.

**Incertae Sedis.**

744. † **Apatemys,** Marsh, 1872.

Marsh, Amer. Journ. Soc., 1872, IV, p. 221.

4842. † **bellus**, Marsh — (*4119*); Matthew, Bull. Amer. Mus., 1899, p. 39. — † Eocaen. Wyoming.

4843. † **bellulus**, Marsh — (*4120*); Matthew, l. c., 1899, p. 39. — † Eocaen. Wyoming.

## Familia XII. **Heteromyidae.**

### Subfam. 1. **Dipodomyinae.**

745. **Dipodomys,** Gray, 1841.

*Macrocolus,* Wagner, 1846; *Dipodops,* Merriam, 1890.
Gray, Ann. Natur. Hist., 1841, VII, p. 521.

4844. **phillipsi**, Gray — (*3504*); (*nec* True, 1884—85); Miller et Rehn, Proc. Bost. Sc., 1901, p. 152.
*halticus*, Wagner. — Mexico (Real del Monte), Vallo Mexico. usque ad Guanajuato. »

4845. **ornatus**, Merriam — (*3505*). — Mexico, Zacatecas, (Berriozabal).

4846. **perotensis**, Merriam — (*3506*). — Mexico, Vera Cruz, (Perote).

4847. **merriami**, Mearns — (*3509*); Elliot, Field Columb. Mus., II, 1901, p. 232, fig. 53. — Arizona (New River).

**a.** — **nevadensis**, Merriam — (*3509b*); Elliot, l. c., 1901, p. 232. — Nevada Sept.-Occid., (Lac. Pyramid).

**b.** — **nitratus**, Merriam — (*3509c*); Elliot, l. c., 1901, p. 233. — California Orient., (Keeler, Lac. Owens).

**c.** — **nitratoïdes**, Merriam — (*3509d*); Elliot, l. c., 1901, p 233. — California Merid.-Centr., (Tipton, Vallo San Joaquin).

**d.** — **exilis**, Merriam — (*3509e*); Elliot, l. c., 1901, p. 233. — California Merid.-Centr., (Fresno, Vallo San Joaquin).

**e.** — **ambiguus**, Merriam — (*3510*, *3509h*); Elliot, l. c., 1901, p. 234. — Texas Sept.-Occid., (El Paso).

**f.** — **parvus**, Rhoads — (*3509i*); Elliot, l. c., 1901, p. 234. — California Merid., (Vallo San Bernardino).

**g.** — **simiolus**, Rhoads — (*3509g*, *3513*); Elliot, l. c., 1901, p. 234; Merriam, Science, 1898, p. 31. — California (Mohave Desert, Agua Caliente).

*similis*, Rhoads — (*3514*). — San Diego Co. (White Water).

**h.** — **melanurus**, Merriam — (*3509a*). — Mexico, California infer., (San José del Cabo).

**i.** — **atronasus**, Merriam — (*3509f*). — Mexico, Potosi (Hacienda La Parada).

4848. **deserti**, Stephens — (*3508*); Elliot, l. c. 1901, p. 235. — California Merid.-Or., (Desertis Mojave et Colorado).

4849. **spectabilis**, Merriam — (*3511*); Elliot l. c., 1901, p. 235. — Arizona, Cochize Co., (Das Cabejos).

4850. **montanus**, Baird, Proc. Acad. Nat. Sc. Philad., 1855, p. 334; Mearns, Proc. Biol. Soc. Wash., 1900, p. 167; Elliot, l. c., 1901, p. 431. — Colorado Merid., Vallo San Luis, (Fort Massachusetts); Texas Sept., Clay Co., (Henrietta).

*ordi* Var. *montanus* Baird, Mamm. N.-Am., 1857, p. 410 (nec Waterhouse).

*elator*, Merriam — (*3507*); Elliot, l. c., 1901, p. 235.

4851. **californicus**, Merriam — (*3512*); Elliot, l. c., 1901, p. 236. — California Sept.-Occid., Mendocino Co. (Ukiah).

**a.** — **pallidulus**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 65. — California, Colusa Co., (Sites).

4852. **mitchelli**, Mearns — (*3513B*). — California infer., (Sinu Calif., I. Tiburon).

## 746. **Perodipus**, Fitzing., 1867.

*Dipodops*, Merriam, 1890; (*nec Cricetodipus*, Peale, 1848 et Auct.) Fitzinger, S.-B. Math. Natur. Class. K. Akad. Wiss. Wieu, 1866, 56 p. 126; Merriam, Proc. Biol. Soc. Wash., 1892, p. 26 (nota).

4853. **agilis**, Gambel — (*3516*); Elliot, Field Columb. Mus., II, 1901, p. 236, 237, fig. 54. — California Media et Merid.

4854. **obscurus**, Allen, Bull. Amer. Mus., 1903, p. 603. — Mexico, Durango Sept.-Occid.

4855. **streatori**, Merriam — (*3518*); Elliot, l. c., 1901, p. 237. — California, Mariposa Co., (Carbondale).

4856. **chapmani**, Mearns — (*3523*); Elliot. l. c., 1901, p. 237. — Arizona Centrali, (Fort Verde).

4857. **ordi**, Woodhouse — (*3517*); Elliot. l. c., 1901, p. 238. — Texas, Rio Grande, (El Paso), et à Snake Plains ad Nov.-Mexico, Arizona.

**a.** — **columbianus**, Merriam — (*3517b*); Elliot, l. c., 1901, p. 238. — Oregon, Campis fl. Columbia (Umatilla).

**b.** — **palmeri**, Allen — (*3517a*). — Mexico (San Luis Potosi).

4858. **richardsoni**, Allen — (*3520*); Elliot, l. c., 1901, p. 238. — Oklahoma et Indian Territ. (fl. Beaver).

4859. **sennetti**, Allen — (*3521*); Elliot, l. c., 1901, p. 239. — Texas Merid.-Orient., Cameron Co. (Brownsville).

4860. **panamintinus**, Merriam — (*3519*); Elliot, l. c., 1901, p. 239. — California Orient.. (M$^{tes}$ Panamint).

4861. **longipes**, Merriam (*3524*); Elliot, l. c., 1901, p. 239. — Arizona, Painted Desert, (Echo Cliffs), Utah, Wyoming, Nebraska, Novo-Mexico.

4862. **compactus**, True — (*3522*); Elliot, l. c., 1901, p. 240. — Texas (I. Padre).

## 747. **Microdipodops,** Merriam, 1891.

Merriam, North-Amer. Fauna, No 5, 1891, p. 115.

4863. **megacephalus**, Merriam — (*3525*); Elliot, Field Columb. Mus., II, 1901, p. 240, fig. 55, et 241. — Nevada Centrali (Halleck).

**a.** — **oregonus**, Merriam, Proc. Biol. Soc. Wash. 1901, p. 127. — Oregon Or., Alvord Desert, (Lac Alvord).

4864. **pallidus**, Merriam, l. c., 1901, p. 127. — Nevada, Churchill Co., (Lac. Humboldt et Carson).

4865. **californicus**, Merriam, l. c., 1901, p. 128. — California, PlumasCo., (Vinton, Vallo Sierra).

## Subfam. 2. **Heteromyinae.**

## 748. **Perognathus,** Wied, 1839.

*Abromys*, Gray, 1868; † *Cricetodipus*, Peale, 1848 (nec Rhoads, 1893, nec Trouessart, 1897); *Octognosis*, Coues, 1875.

Maximilian von Wied, Reise Innere Nord-America, 1839, I, p. 449; Nov. Act. Acad. Caes. Leop. Carol., 1839, 19, p. 369.

### Recognitio.

1900. — **W. H. Osgood,** Revision of the Pocket Mice of the Genus *Perognathus* (North-Amer. Fauna, No 18, 1900, p. 9—63; fig. in texto et 4 pl.).

### A. **Perognathus.**

4866. **fasciatus**, Wied — (*3526*); Elliot, Field Columb. Mus., II, 1901, p. 242; Osgood, N.-Am. Fauna, 18, 1900, p. 18, 19, f. 3. — Montana (fl. Yellowstone ad Missouri), Dakota Sept. et Merid., Wyoming.

**a.** — **infraluteus**, Thomas — (*3527*); Elliot, l. c., 1901, p. 242; Osgood, l. c., 1900, p. 19. — Colorado, Larimer Co., (Loveland).

4867. **flavescens**, Merriam — (*3526a*); Elliot, l. c., 1901, p. 243; Osgood, l. c., 1900, p. 20, f. 4. — Nebraska (Kennedy), Dakota Merid., Kansas, Texas Occid.

*copei*, Roads — (*3530*). — »

4868. **merriami**, Allen — (*3529*); Elliot, l. c., 1901, p. 243; Osgood, l. c., 1900, p. 21. — Texas (Brownsville), Novo-Mexico, usque ad Rio Grande.

*flavus*, p., Baird — (*3528 part.*); Thomas, P. Z. S., 1888, p. 449 (*Cricetodipus*). — »

*mearnsi*, Allen, Bull. Am. Mus., 1896, p. 237. — »

a. — **gilvus**, Osgood, l. c., 1900, p. 22; Elliot, l. c., 1901, p. 243. — Novo-Mexico Merid. (Eddy), Texas Occid.

4869. **flavus**, Baird — (*3528*); Elliot, l. c., 1901, p. 244, et 242, fig. 56; Osgood, l. c., 1900, p. 23, pl. 1, f. 1. — Texas (El Paso). Colorado Sept.-Or., NebraskaOcc.,Arizona Centrali, ad Mexico.

a. **bimaculatus**, Merriam — (*3532*); Elliot, l. c., p. 244; Osgood, l. c., p. 24, pl. 1, f. 4. — Arizona Sept.-Or. et Centrali (Yavapai Co., Fort Whipple), Utah Merid.

b. — **fuliginosus**, Merriam — (*3531*); Elliot, l. c., p. 244; Osgood, l. c., p. 25. — Arizona Sept., (M^s San Francisco, 2300 m.).

c. — **mexicanus**, Merriam — (*3528a*); Osgood, l. c., p. 25. — Mexico centrali (Tlalpam).

4870. **apache**, Merriam — (*3535*); Elliot, l. c., 1901, p. 244; Osgood, l. c., 1900, p. 26, f. 5. — Arizona, Apache Co., (Keam Cañon), Novo-Mexico Occ., Utah Merid.

a. — **melanotis**, Osgood, l. c., p. 27. — Mexico, Chihuahua (Casas Grandes).

4871. **callistus**, Osgood, l. c., 1900, p. 28. — Wyoming (Kinney Ranch, vallo Green River).

4872. **panamintinus**, Merriam — (*3533a*); Elliot, l. c., 1901, p. 245; Osgood, l. c., 1900, p. 28, pl. 2, f. 1. — California Or. (M^s Panamint), Nevada Merid., Utah.

a. — **bangsi**, Mearns — (*3533b*); Elliot, l. c., 1901, p. 245; Osgood, l. c., p. 29. — Calif. Merid., Desert Colorado (Palm Spring).

b. — **arenicola**, Stephens, Proc. Biol. Soc. Wash., 1900, p. 153; Elliot, l. c., p. 246. — San Diego Co., (San Felipe Narrows).

c. — **brevinasus**, Osgood, l. c., p. 30, f. 6; Elliot, l. c., p. 246. — Calif. Merid.-Occid. (San Bernardino).

4873. **nevadensis**, Merriam — (*3534*); Elliot, l. c., 1901, p. 246; Osgood, l. c., 1900, p. 31. — Nevada,EastHumbold Valley, (Halleck).

4874. **pacificus**, Mearns — (*3532b*); Elliot, l. c., 1901, p. 246; Osgood, l. c., 1900, p. 31. — California Occid., San Diego (ad ostia fl. Tijuana), prope Mexican. confines.

4875. **amplus**, Osgood, l. c., 1900, p. 32; Elliot, l. c., 1901, p. 247. — Arizona (Fort Verde).

4876. **longimembris**, Coues (*3533*); Osgood, l. c., 1900, p. 33, f. 7; Elliot, l. c., 1901, p. 247. — California, Kern Co., (Vallo San Joaquin, Fort Tejon).

*parvus*, True, 1882 (nec Peale). — »

*inornatus*, Merriam — (*3536*). — »

4877. **parvus**, Peale (nec Baird) — (*3524b*); Elliot, l. c., 1901, p. 247; Osgood, l. c., 1900, p. 34. — Oregon.

?*monticola*, Baird — (*3540*); Elliot, l. c., 1901, p. 248 (species distincta). — Montana (St Mary's Mission), Oregon (The Dalles).

**a.** — **mollipilosus**, Coues — (*3541*); Elliot, l. c., 1901, p. 249; Osgood, l. c., 1900, p. 36. — California, Shasta Co., (Fort Crook), Oregon.

*monticola*, Townsend, 1888 (nec Baird). — »

**b.** — **olivaceus**, Merriam — (*3538*); Elliot, l. c., 1901, p. 249; Osgood, l. c., 1900, p. 37, f. 8. — Utah Sept. (Kelton), Idaho Merid., usque ad Calif. (Owens Valley), Oregon Merid.

*olivaceus amoenus*, Merriam — (*3538a*). — »

**c.** — **magruderensis**, Osgood, l. c., 1900, p. 38; Elliot, l. c., p. 249. — Nevada Merid., (Ms Magruder, 2630 m.), California Sept.-Or.

4878. **alticola**, Rhoads — (*3537*); Elliot, l. c., 1901, p. 249; Osgood, l. c., 1900, p. 39. — California (Ms San Bernardino, Squirrel Inn).

4879. **lordi**, Gray — (*3542*); Elliot, l. c., 1901, p. 250; Osgood, l. c., 1900, p. 39. — Columbia Britann., Washington, Idaho.

**a.** — **columbianus**, Merriam — (*3539*); Elliot, l. c., p. 250; Osgood, l. c., p. 40. — Washington Merid., (Pasco, Vallo fl. Columbia).

4880. **formosus**, Merriam — (*3543*); Elliot, l. c., 1901, p. 250; Osgood, l. c., 1900, p. 40, 41, f. 9. — Utah (St George), Nevada Merid., et California Sept.-Or.

### B. **Chætodipus**, Merriam, 1889.

Merriam, North-Amer. Fauna, No 1, 1889, p. 5.

4881. **baileyi**, Merriam — (*3557*); Elliot, Field Columb. Mus., II, 1901, p. 251; Osgood, N.-Am. Fauna, No 18, 1900, p. 41, 42, fig. 10. — Mexico, Sonora, (Magdalena), Arizona Merid., Calif. infer.

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| 4882. **hispidus**, Baird — (*3555*); Elliot, l. c., 1901, p. 251; Osgood, l. c., 1900, p. 42. | Mexico (Charco Escondido), Texas Merid. et Occid., Oklahoma. |
| *fasciatus*, Baird, 1857. | |
| *paradoxus spilotus*, Merriam — (*3556 a*); Allen, 1896. | » |
| *paradoxus*, Allen (nec Merriam), Bull. Am. Mus., 1894, p. 172. | » |
| a. — **paradoxus**, Merriam (nec Allen) — (*3556*); Elliot, l. c., 1901, p. 252; Osgood, l. c., 1900, p. 44, f. 11. | Kansas (Trego Co.), et à Dakota ad Texas Occid. |
| *latirostris*, Rhoads — (*3559*). | » |
| *conditi*, Allen — (*3558*). | » |
| b. — **zacatecae**, Osgood, l. c., 1900, p. 45. | Mexico, Zacatecas, (Valparaiso), Guanajuato. |
| 4883. **penicillatus**, Woodhouse — (*3551*); Elliot, l. c., 1901, p. 252; Osgood, l. c., 1900, p. 45. | Arizona (Ms San Francisco), Nevada, (Bunkerville). |
| a. — **angustirostris**. Osgood, l. c., 1900, p. 47; Elliot, l. c., 1901, p. 252. | California, Deserto Colorado (Carriso Creek), usque ad Arizona Merid. |
| b. — **pricei**, Allen — (*3548 syn.*) Elliot, l. c., p. 253; Osgood, l. c., p. 47. | Mexico, Sonora, (Oposura). |
| c. — **eremicus**, Mearns — (*3551B*); Elliot, l. c., p. 253; Osgood, l. c., p. 48. | Texas, El Paso Co. (Fort Hancock), usque ad Mexico Central. |
| 4884. **stephensi**, Merriam — (*3554*); Elliot, l. c., 1901, p. 253; Osgood, l. c., 1900, p. 49. | California, Death Valley Sept.-Occ. (Mosquite Valley). |
| 4885. **arenarius**, Merriam — (*3550*); Osgood, l. c., 1900, p. 50. | California infer., (San Jorge prope Comondu). |
| 4886. **pernix**, Allen — (*3547B*); Osgood, l. c., 1900, p. 50. | Mexico Occ., Sinaloa (Rosario), Jalisco. |
| a. — **rostratus**, Osgood, l. c., p. 51. | Sinaloa Sept., Sonora Merid. (Camoa). |
| 4887. **intermedius**, Merriam — (*3546*); Osgood, l. c., 1900, p. 52, f. 12; Elliot, l. c., 1901, p. 253. | Arizona, Mojave Co., (Mud Spring), Novo-Mexico et Mexico. |
| *obscurus*, Merriam — (*3548*). | » |

4888. **nelsoni**, Merriam — (*3553*); Osgood, l. c., 1900, p. 53. — Mexico, San Luis Potosi (Hacienda La Parada), Durango, Jalisco, etc.

**a. — canescens**, Merriam — (*3546a*); Osgood, l. c., p. 54. — Coahuila, (Jaral).

4889. **goldmani**, Osgood, l. c., 1900, p. 54. — Mexico, Sinaloa (Sinaloa).

4890. **artus**, Osgood, l. c., 1900, p. 55. — Mexico, Chihuahua (Batopilas), Durango, Sinaloa.

4891. **fallax**, Merriam — (*3547*); Osgood, l. c., 1900, p. 55; Elliot, l. c., 1901, p. 254. — California Merid.-Occid., (Reche Canon, San Bernardino Co.), ad Calif. infer.

**a. — pallidus**, Mearns, Proc. Biol. Soc. Wash., 1901, p. 135. — California, Reg. San Diego (M[s] Coast Range), ad Mexican. confines.

4892. **anthonyi**, Osgood, l. c., 1900, p. 56. — California infer., I. Cerros.

4893. **femoralis**, Allen — (*3552*); Osgood, l. c., 1900, p. 57, f. 13*b*; Elliot, l. c., 1901, p. 254, et 251, f. 57. — Calif., Diego Co., (Dulzura), usque ad Calif. infer.

4894. **californicus**, Merriam — (*3560*); Osgood, l. c., 1900, p. 58, f. 14; Elliot, l. c., 1901, p. 254. — California (Berkeley), et à San Francisco Bay ad Vall. San Benito.

*armatus*, Merriam — (*3561*). — Calif. Santa Barbara Co., (Carpentaria).

**a. — dispar**. Osgood, l. c., 1900, p. 58; Elliot, l. c., p. 255. — Calif., Merid., in desertis ad fl. Colorado (The Needles).

4895. **spinatus**, Merriam — (*3549*); Osgood, l. c., 1900, p. 59, 60, f. 15; Elliot, l. c., p. 255. — California infer. (San Jose del Cabo).

**a. — peninsulae**, Merriam — (*3549a*); Osgood, l. c., p. 60. — Calif. infer., I. San Jose.

4896. **bryanti**, Merriam — (*3544*); Osgood, l. c., 1900, p. 61, pl. 2, f. 4. — Calif. infer., I. Santa Margarita.

4897. **margaritae**, Merriam — (*3545*); Osgood, l. c., 1900, p. 61, pl. 2, f. 5.

## 749. **Heteromys**, Desmarest, 1817.

*Mus*, p. Thompson; *Saccomys* F. Cuv., 1823; *Dasynotus*, Wagler, 1830. Desmarest, Nouv. Dict. Hist. Nat., 1817, XIV, p. 180.

### A. Heteromys.

4898. **irroratus**, Gray — (*3562*). — Mexico, Oaxaca.

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| 4899. **albolimbatus**, Gray (*3563*). | Mexico, San Luis Potosi (La Parada). |
| 4900. **hispidus**, Allen — (*3569*). | Mexico, Jalisco, Terro Tepic (Compostella). |
| 4901. **goldmanni**, Merriam, Proc. Biol. Soc. Wash. 1902, p. 41. | Mexico, Chiapas, (Chicarras). |
| **a.** — **lepturus**, Merriam, l. c., 1902, p. 42. | Oaxaca (M$^{tes}$ prope S$^{to}$ Domingo). |
| 4902. **griseus**, Merriam, l. c. 1902, p. 42. | Chiapos (M$^{tes}$ prope Tonala). |
| 4903. **annectens**, Merriam, l. c., 1902, p. 43. | Oaxaca (Pluma). |
| 4904. **bulleri**, Thomas — (*3565*). | Mexico, Jalisco, Sierra de Juanacatlan (La Laguna). |
| 4905. **longicaudatus**, Gray — (*3573*). | Mexico, — ? |
| 4906. **jesupi**, Allen, Bull. Amer. Mus., 1899, p. 201. | Colombia (Rio S$^{ta}$ Marta Minca, 3300 m.). |
| 4907. **anomalus**, Thompson — (*3570*). | I. Trinitad. |
| 4908. **melanoleucus**, Gray — (*3572*). | Venezuela Sept. |
| 4909. **australis**, Thomas, Ann. Nat. Hist., 1901, VII, p. 194. | Equator Sept., (S$^{t}$ Javier, ad fl. Cachabi infer.). |
| 4910. **salvini**, Thomas - - (*3566*). | Guatemala (Dueñas). |
| **a.** — **nigrescens**, Thomas — (*3566a*). | Costa Rica. |
| 4911. **repens**, Bangs, Bull. Mus. Compar. Zool., 1902, p. 45, 46, fig. 27. | Panama, Chiriqui (Boquete, 1300—1800 m.). |
| 4912. **adspersus**, Peters — (*3574*). | Panama. |
| 4913. **gaumeri**, Allen et Chapman — (*3568*). | Yucatan (Chichen-Itza). |
| 4914. **desmarestianus**, Gray — (*3571*). | Guatemala (Coban). |
| 4915. ? **bicolor**, Gray — (*3575* — *Genus dubium*). | Venezuela. |

B. **Xylomys**, Merriam, 1902.

Merriam, Proc. Biol. Soc. Wash., 1902, p. 43.

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| 4916. **nelsoni**, Merriam, l. c. 1902, p. 43. | Mexico, Chiapas (Pinabete). |

### 750. **Liomys,** Merriam, 1902.

*Heteromys*, p., Coues, 1881, Elliot, 1901 et Auct.
Merriam, Proc. Biol. Soc. Wash., 1902, p. 44.

4917. **alleni**, Coues — (*3564*); Elliot, Field Columb. Mus., II, 1901, p. 256, fig. 58. — Mexico, Rio Verde, (Hacienda Angostura) Texas ad ostia fl. Rio Grande.

4918. **canus**, Merriam, Proc. Biol. Soc. Wash., 1902, p. 44; Bull. Am. Mus., 1903, p. 605; Allen, Bull. Am. Mus., 1904, p. 135, f. 1, 2. — Mexico, Chihuahua (Parral), Durango.

4919. **texensis**, Merriam, l. c., 1902, p. 44. — Texas (Brownsville).

4920. **torridus**, Merriam, l. c., 1902, p. 45. — Mexico, Oaxaca, (Cuicatlan).

a. — **minor**, Merriam, l. c., 1902, p. 45. — Oaxaca, (Huajuapam).

4921. **pictus**, Thomas — (*3567*). — Mexico, Jalisco, (Mineral San Sebastian 1470 m.).

a. — **rostratus**, Merriam, l. c., 1902, p. 46. — Guerrero (Ometepec).

b. — **isthmius**, Merriam, l. c., 1902, p. 46. — Tehuantepec.

4922. **plantinarensis**, Merriam, l. c., 1902, p. 46. — Mexico, Jalisco, (Plantinar).

4923. **sonorana**, Merriam, l. c., 1902, p. 47. — Sonora (Alamos).

4924. **veraecrucis**, Merriam, l. c., 1902, p. 47. — Vera Cruz (San Andreas Tuxtla).

4925. **obscurus**, Merriam, l. c., 1902, p. 48. — Vera Cruz (Carrizal).

4926. **phaeura**, Merriam, l. c., 1902, p. 48. — Oaxaca (Pinoteba).

4927. **orbitalis**, Merriam, l. c., 1902, p. 48. — Vera Cruz (Catemaco).

4928. **crispus**, Merriam, l. c., 1902, p. 49. — Chiapas (Tonala).

a. — **setosus**, Merriam, l. c., 1902, p. 49. — Chiapas (Huchuetan).

4929. **heterothrix**, Merriam, l. c., 1902, p. 50. — Honduras (San Pedro Sula).

## Familia XIII. **Bathyergidae.**

### 751. **Bathyergus,** Illig., 1811.

*Mus.* p., Gm., 1788; *Orycterus*, F. Cuv., 1825.
Illiger, Prodromus Syst. Mamm. et Avium, 1811, p. 86.

4930. **maritimus**, Gmelin — (*3576*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 225; id., Mam. S.-Afr., II, 1901, p. 70, 71, 72, fig. 100—102. — Africa Australi (ad litt. maris), Colon. Cap., (Cape Town), Namaqua, Knysna (usque? ad Bathurst).

## 752. **Georychus**, Illiger, 1811.

*Bathyergus* et *Orycterus* p., Auct.; *Cryptomys* et *Coetomys*, Gray, 1864; *Typhlorycles*, Fitzing., 1867.
Illiger, Prodr. Syst. Mamm. et Av., 1811, p. 87.

4931. **capensis**, Pallas — (*3577*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 227; id., Mam. S.-Afr., II, 1901, p. 73, 74, fig. 103, 104. — Africa Australi, Colonia Cap. Occid., Namaqua, Kimberley, Knysna.

4932. **damarensis**, Ogilby (nec Leche) — (*3580*); W. L. Sclater, l. c., 1899, p. 228; id., l. c., 1901, p. 76. — Africa Occid., Damara, Angola.

4933. **darlingi**, Thomas — (*3581*); Sclater, l. c., 1899, p. 228; id., l. c., 1901, p. 77. — Africa Australi-Centr., Mashona (Mazoe, Salisbury).

4934. **hottentotus**, Lesson — (*3578 syn., 3578*); Sclater, l. c., 1899, p. 228; id., l. c., 1901, p. 77. — Colonia Cap. Orient., (Stellenbosch, Knysna, Kalahari, etc.), Natal, (Durban).

*coecutiens*, Brandt — (*3578*).

4935. **bocagei**, Winton — (*3578$^{B}$*). — Africa Occid., Angola.

4936. **lugardi**, Winton — (*3578$^{C}$*). — Deserto Kalahari (inter Palapye et Nyami).

4937. **mechowi**, Peters — (*3584*). — Angola (Malange, Benguela).

4938. **nimrodi**, Winton — (*3583*); Sclater, l. c., 1899, p. 229; id., l. c., 1901, p. 78. — Africa Merid.-Centrali, Matabele (Bulawayo, Essex Vale).

4939. **whytei**, Thomas — (*3583$^{B}$*). — Africa Centrali, Nyasa (Karonga).

4940. **lechei**, Thomas — (*3582*). — Africa Centrali-Or., Monbuttu (Bellima).

*damarensis*, Leche (nec Ogilby).

4941. **ochraceo-cinereus**, Heuglin — (*3579*). — Africa Orient.-Centrali, Bongo (Dembo, Bahr-el-Ghazal).

4942. **zechi**, Matschie, S.-B. Gesells. Naturf. Berlin, 1900, p. 146. — Africa Occid., Togo.

## 753. **Myoscalops**, Thomas, 1890.

*Heliophobius*, Peters, 1846; *Georychus*, Auct.
Thomas, Proc. Zool. Soc. Lond., 1890, p. 448.

4943. **argenteo-cinereus**, Peters — (*3585*). — Africa Orient., Bagamoyo, Uganda, Mozambica.

a. — **marungensis**, Noack — (*3585a*). Marungu.

4944. **albifrons**, Gray — (*3586*). Africa Or. Tropicali.

4945. **emini**, Noack — (*3587*). Africa Orient., (Simba Muenna).

### 754. **Heterocephalus**, Rüppel, 1842.

Rüppel, Mus. Senckenberg., III, 1842, heft 2, p. 99 (nec 1834).

4946. **glaber**, Rüppel — (*3588*). Abyssinia Merid., (Choa).

4947. **philippsi**, Thomas — (*3589*). Somali Centrali, (Ogardain).

## Familia XIV. **Jaculidae.**

*Dipodidae*,[1]) Auct. et Catalogi, 1897.

### Subfam. 1. **Sicistinae.**

*Sminthinae*, Auct. et Catalogi, 1897.

### 755. †**Eomys**, Schlosser, 1884.

Schlosser, Palaeontographica, XXXI, 1884, p. 85.

4948. †**cayluxi**, Schlosser — (*3590*). †Eocaen. Gallia merid.

### 756. **Sicista**, Gray, 1827.

*Sminthus*, Nordmann, 1839; Trt., Catal., 1897.
Gray, *in* Griffith's Cuvier, Anim. Kingd., V, 1827, p. 227.

4949. **subtilis**, Pallas — (*3591*); Satunin, Mam. Caucas., 1903, p. 60. Europa Or. et Asia Occ., à Scandinavia et à Germania, ad fl. Jeneseï et Caucasum, Turkestan.

4950. **concolor**, Buchner — (*3592*); Satunin, l. c., 1903, p. 60. Asia Centrali, Gansu, M$^s$ Swanetis, 2570 m.

4951. **leathami**, Thomas — (*3593*). Cachemyr, Wardwan (3300 m.).

[1]) Voyez: **Marcus W. Lyon**, A comparison of the Osteology of the Jerboas and Jumping Mice (Proc. U.-S. Nat. Mus., 1901, p. 659—668, pl. 25—27) — Analyse critique: **Nehring**, S.-B. Ges. Naturf. Berl., 1901, p. 146.

4952. **tianschianus**, Salensky, Annuaire Mus. Zool. St Petersb., 1903, p. 17. — Asia Centrali, Tianschan.

4953. **flavus**, True — (*3594*). — Cachemyr Centrali (3700 m.).

## Subfam. 2. **Zapodinae.**

[Familia *Zapodidae*, Lyon, Proc. U. S. Nat. Mus., 1901, p. 666.]

### 757. **Zapus**, Coues, 1875.

*Dipus*, p., et *Gerbillus*, p., Auct.; *Meriones*, F. Cuv., 1825 (nec Illig., 1811); *Jaculus*, Wagler, 1830 (nec Erxleben, 1777).
Coues, Bull. U.-S. Geol. Survey Terr., 1875, No 5, p. 253.

**Recognitio.**

1899. — **E. Preble**, Revision of the Jumping Mice of the Genus *Zapus* (North-Amer. Fauna, No 15, 1899, p. 5—39, 4 fig. et 1 pl.).

#### A. **Zapus.**

4954. **hudsonius**, Zimmermann — (*3595*); Preble, N.-Am. Fauna, 15, 1899, p. 14, f. 1, pl. 1, f. 3; Elliot, Field Columb. Mus., II, 1901, p. 257, 258, fig. 59. — Canada (Hudson Bay).

*hardyi*, Batchelder, Proc. N.-Engl. Z. Club, 1899, p. 5. — usque ad New-Jersey, Carolina Sept., Iowa, Missouri, Alaska.

**a.** — **ladas**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 10; Preble, l. c., p. 17; Elliot, l. c., p. 258. — Labrador (Hamilton Inlet, Rigoulette), Quebec Orient.

**b.** — **alascensis**, Merriam — (*3595a*); Preble, l. c., p. 18; Elliot, l. c., p. 259. — Alaska (Yakutat), usque ad fl. Yukon.

**c.** — **americanus**, Barton, Trans. Amer. Phil. Soc., 1799, p. 115; Batchelder, l. c., 1899, p. 6; Preble, l. c., p. 19; Elliot, l. c., p. 258. — United-States, Pennsylvania (Philadelphia), à Carolina Sept. (Raleigh), ad Connecticut et Hudson infer.

**d.** — **campestris**, Preble, l. c., p. 20; Elliot, l. c., p. 258. — Wyoming (M[s] Bear Lodge), Great Plains à Manitoba ad Nebraska, Colorado.

4955. **tenellus**, Merriam — (*3595B*); Preble, l. c., 1899, p. 21; Elliot, l. c., 1901, p. 259. — Columbia Britann., (Kamloops).

4956. **princeps**, Allen — (*3598*); Preble, l. c., 1899, p. 22, pl. 1, f. 6, *6a*; Elliot, l. c., 1901, p. 260. — Colorado, La Plata Co., (Florida), et ab Alberta (Henry House), ad Nov.-Mexico, Regione M[tium] Rupestium.

a. — **minor**, Preble, l. c., p. 23; Elliot, l. c., p. 260. — Saskatchewan Plains in Canada (Wingard prope Carlton House).

b. — **oregonus**, Preble, l. c., p. 24; Elliot, l. c., p. 260. — Oregon, M$^s$ Blue (Elgin).

4957. **major**, Preble, l. c., 1899, p. 24; Elliot, l. c., 1901, p. 260. — Oregon (M$^s$ Warner).

4958. **nevadensis**, Preble, l. c., 1899, p. 25; Elliot, l. c., 1901, p. 261. — Nevada (M$^s$ Ruby).

4959. **saltator**. Allen, Bull. Amer. Mus., 1899, p. 3; 1903, p. 558; Elliot, l. c., p. 262. — Columbia Britann., Canada, Territ. Northwest (Telegraph Creek).

4960. **trinotatus**. Rhoads — (*3599*); Preble, l. c., 1899, p. 26, pl. 1, f. 5, 5*a*; Elliot, l. c., 1901, p. 261.
*imperator*, Elliot, l. c., I, 1899, p. 228, 260, fig. 1. — Columbia Brit. (I. Lulu ad ostia fl. Fraser). Terr. Washington (Cascades), Oregon, California Sept. usque ad Humboldt Bay.

a. — **alleni**, Elliot, — (*3599C*); Preble, l. c., p. 27; Elliot, l. c., 1901, p. 261; Merriam, N.-Am. Fauna, 16, 1899, p. 98. — California (Pyramid Peak, Lac Tahoe), M$^s$ Shasta, Sierra Nevada ad Monmouth et fl. Kern.

b. — **montanus**, Merriam — (*3599b*); Preble, l. c., p. 28; Elliot, l. c., p. 262. — Oregon, M$^s$ Cascade (M$^s$ Mazama, Crater Lake).

4961. **orarius**, Preble, l. c., 1899, p. 29, pl. 1, f. 4, 4*a*; Elliot, l. c., 1901, p. 262. — California Occid., (Point Reyes), usque ad Humbold Bay (Mad River).

4962. **pacificus**, Merriam — (*3599B*); Preble, l. c., 1899, p. 30; Elliot, l. c., 1901, p. 262; Merriam, N.-Am Fauna, 16, 1899, p. 99. — Oregon (Vallo fl. Rogue, Prospect) et CaliforniaSept.-Occid. (Little Shasta Creek).

B. **Napaeozapus**, Preble, 1899.

Preble, North Amer. Fauna, No 15, 1899, p. 33.

4963. **insignis**, Miller — (*3596*); Preble, l. c., 1899, p. 33, f. 2, pl. 1, f. 1, 1*a*; Elliot, l. c., 1901, p. 263, fig. 60. — Canada Or., (New Brunswick, fl. Restigouche), usque ad Maryland Occid.

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| **a.** — **roanensis**, Preble, l. c., p. 35; Elliot, l. c., 1901, p. 263. | Carolina Sept., (M$^s$ Roan). |
| **b.** — **abietorum**, Preble, l. c., p. 36; Elliot, l. c., 1901, p. 264. | Ontario (Peninsula Harbor ad Lac. Superior Sept.). |

C. **Eozapus.** Preble, 1899.

Preble, North-Amer. Fauna, No 15, 1899, p. 37.

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| 4964. **setchuanus**, Pousargues — (*3600*); Preble, l. c., 1899, p. 37, fig. 3, 4, pl. 1, fig. 2, 2*a*. | China, Setchuen (Ta-tsien-lou). |

## Subfam. 3. Jaculinae.

758. **Jaculus**, Erxleben, 1777 (nec Baird, nec Alston).

*Dipus*, Gmelin, 1788, et Auct.: Trt., Catalogus, 1897.
Erxleben, Syst. Regni Animalis, 1777, I, p. 404; De Winton, 1902.

### A. Jaculus.

*Dipus* et *Haltomys*, Catalogi, 1897.
*Haltomys*, Brandt, 1844.

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| 4965. **orientalis**, Erxleben, Syst. Regn. Anim., 1777, p. 404; Anderson et Winton, Mam. of Egypt, 1902, p. 307, pl. 54.<br>*gerboa*, Olivier — (*3603*) nec Auctorum.<br>*mauritanicus*, Duvernoy. | Africa Sept., Ægyptus, Nubia, Tripoli, Tunisia, Algeria.<br>»<br>» |
| 4966. **jaculus**, L. (nec Pallas) (*3602 syn.*); Anderson et Winton, Mam. of Egypt, 1902, p. 301, pl. 53.<br>*ægyptius*, Hasselquist — (*3602*). | Africa Sept., ab Algeria, Tunisia, Tripoli ad Ægyptum, Palæstinam et Arabiam (in desertis). |
| 4967. **gordoni**, Thomas, P. Z. S., 1903, p. 299. | Kordofan Occid., (Djebel Agagch, Kagu Hills). |
| 4968. **microtis**, Reichenow — (*3605*). | Africa Sept.-Or., (Samar). |
| 4969. **hirtipes**, Lichtenstein — (*3604*). | Algeria, Sahara, Tunisia, Dongola. |
| 4970. **schlüteri**, Nehring, S.-B. Ges. Naturf. Berlin, 1901, p. 163. | Palaestina (Jaffa merid.). |
| 4971. **darricarrerei**, Lataste — (*3606*). | Algeria, Tunisia. |
| 4972. **macrotarsus**, Wagner — (*3607*). | Arabia Petraea (M$^s$ Sinaï). |

4973. **blanfordi**, Murray — (*3608*). Persia Sept.

4974. **loftusi**, Blanford — (*3609*). Persia Merid., (Mesopotamia).

4975. **deasyi**, Barret-Hamilton, P. Z. S., 1900, p. 196. Turkestan Orient. (Nura 2500 m.).

4976. **sagitta**, Pallas — (*3601, 3601*). *gerboa*, Fischer (nec Olivier). Rossia, inter Don et Volga, Siberia Merid., Bucharia, Lac Aral, Asia Centrali, Gobi Merid., Yarkand.

**a.** — **lagopus**, Lichtenstein — (*3601a*). Asia Centrali.

**b.** — ?**proximus**, Fairmaire — (*3601b*). Asia Occ., ad fl. Oural.

B. **Scirtopoda**, Brandt, 1844.

*Halticus*, Brandt, 1844; Trt., 1897.
Brandt, Bull. Class. Phys.-Math. Acad. Sc. St Petersb., II, 1844, p. 212.

4977. **halticus**, Illiger — (*3610*). Siberia Merid., Kirghis, Turkestan.

**a.** — **brachyurus**, Blainv. — (*3610a*). Transbaikalia.

759. † **Dipodoïdes**, Schlosser, 1902.

Schlosser, Pal. Abhandl., IX, 1902, p. 135.

4978. † **problematicus**, Schlosser, l. c., 1902, p. 135. † Pliocaen. Germania Merid.

760. **Scarturus**, Gloger, 1841.

*Scirtomys*, Brandt, 1844; Trt., 1897; Winton, 1902.
Gloger, Hand- und Hilfsbuch, Naturg., I, 1841, p. XXXI et 106.

4979. **tetradactylus**, Lichtenstein — (*3611*); Anderson et Winton, Mam. of Egypt, 1902, p. 311. Ægyptus Sept., Deserto Lybiae inter Alexandriam et Siwah.

761. **Alactaga**, F. Cuv., 1836.

*Scirtetes*, Brandt, 1844; *Cuniculus*, Brisson, 1756; *Jaculus*, A. M.-Edw., 1871 (nec Wagler).
Fréd. Cuvier, Proc. Zool. Soc. Lond., 1836, p. 141.

A. **Alactaga.**

4980. † **laurillardi**, Lartet (*Meriones*) — (*3613*). † Miocaen. Gallia Merid.

4981. **saliens**, Gmelin — (*3612*); Satunin, Mitth. Kaukas. Mus., 1901, p. 56, 123. — Rossia Merid.-Or., inter Danubium et Don, Cherson. Taurica, Caucasus Sept., Turkestan, Siberia Merid. et Asia Centrali.

*jaculus*, Pallas, Schreber et Auct. (nec Linné) — (*3612 App.*).

†*saliens foss.*, Trt., 1897 — (*3612b*): *jaculus foss.*, Nehring, 1879–90 (*3612 App.*) — † Pleistocaen. Europa Media (Germania).

**a.** — **vexillarius**, Eversmann — (*3612a*). — Transcaspia.

**b.** — **spiculum**, Lichtenstein — (*3612b*). — Siberia Merid., ab Altaï ad Amour.

4982. **williamsi**, Thomas — (*3612$^{B}$ excl. syn.*); Satunin, Mam. Caucas., 1903, p. 46; Nehring, S.-B. Ges. Naturf. Berl. 1901, p. 145. — Kurdistan (Van, 1700 m.), Caucasus Or., M$^{s}$ Talysch, Ararat, Armenia.

**a.** — **laticeps**, Nehring, l. c., 1903, p. 357. — Asia Minori Sept.-Occ. (Koktschi-Kissik).

? *decumana*, p., Danf. et Alston, P. Z. S., 1877, p. 281 (fide Nehring).

4983. ? **aulacotis**, Wagner — (*3614*), sp. problematica, fide Nehring, Zool. Anz., 1902, p. 89. — Arabia.

? *saliens*, juv., fide Nehring, l. c., 1902. — »

4984. **suschkini**, Satunin, Zool. Anzeig., 1900, p. 137, 139; Nehring, Zool. Anz., 1900, p. 201, f. 1, 2. — Steppes Kirghises, (Irgis Merid., Deserto Sara-Kopa).

4985. **saltator**, Eversmann — (*3620*). — Mongolia in verso Merid. M$^{rium}$ Altaï.

4986. **mongolica**, Radde — (*3617 part.*); (bona sp.), Satunin, Zool. Anz., 1900, p. 138. — Mongolia.

*jaculus*, Var. *mongolica*, Radde. — »

4987. **annulata**, A. M.-Edwards — (*3617*, exclus. synon., *3617*); Nehring, l. c., 1900, p. 202 et 263, fig. p. 264. — Kukunoor, China Sept.-Or., Kiatcha (M$^{s}$ Kentei).

4988. **euphratica**, Thomas — (*3615*). — Mesopotamia.

4989. **indica**, Gray — (*3616*). — Afghanistan, Beloutchistan, Persia Orient.

4990. **arundinis**, F. Cuvier — (*3621*). — Africa Sept. — ?

4991. **elater**, Lichtenstein (*3619, 3619*, sed non *Alactagulus*, fide Satunin); Satunin, Mitth. Kauk. Mus., 1901, p. 62, 127. — Turkestan, Steppes Kirghises et Volga-Ural (Chanskaja Stawka).

a. — **caucasicus**, Nehring, S.-B. Ges. Naturf. Berlin., 1900, p. 67, f. 2, p. 65 et p. 67—68; Satunin, Mam. Caucas., 1903, p. 47. — Caucasus Sept., Steppes Volga-Ural, Bakou et Transcaucasia.

b. — **aralychensis**, Satunin, Zool. Anzeig., 1901, p. 463; id., Mam. Caucas., 1903, p. 47. — Transcaucasia M$^{s}$ Aralych ad pedes M$^{tis}$ Ararat, Armenia, (Eriwan Merid.).

B. **Alactagulus**, Nehring, 1897.

Nehring, S.-B. Ges. Naturf. Freund. Berlin, 1879, p. 151.

4992. **acontion**. Pallas — (*3618*); Nehring, S.-B. Naturf. Berl., 1900, p. 63, 65, f. 1; id., Zool. Anz., 1900, p. 363, f. 2, *a*, *b*; Satunin, Mitth. Kauk. Mus., 1901, p. 60, 126; Mam. Caucas., 1903, p. 61. — Rossia Merid.-Orient., Sarepta, Volga infer., Bachmut (Ekaterinoslaw), Steppes Cherson. Tauricae usque ad Steppes Kirghises (49° lat. Sept.).

? *hirtipes*, Tristram (nec Pallas). — ? Palaestina.

762. **Pygeretmus**, Gloger, 1841.

*Platycercomys*, Brandt, 1844; Trt., 1897.

Gloger, Hand- und Hilfsbuch Naturg., I, 1841, p. 106.

4993. **platyurus**, Lichtenstein — (*3622*); Nehring, Zool. Anzeig. 1900, p. 361, 363, f. 1, *a*, *b*. — Desertis ad Lac. Aral, fl. Kuwar-Daria, Turkestan Occ.

a. — † **platyuroïdes**, Fischer — (*3622 a*). — † Pleistocaen. Turkestan.

763. **Cardiocranus**, Satunin, 1902.

*Dipus*, p., Kozlov.

Satunin, Annuaire Mus. Zool. Acad. Sc. S$^{t}$ Petersb., VII, 1902, p. 582

4994. **paradoxus**, Satunin, l. c., 1902, p. 584, fig. 1—2, p. 583. — Asia Centrali, Nanschan, (Scharogol-dschin)..

764. **Euchoreutes**, W. L. Sclater, 1890.

W. L. Sclater, Zool. Soc. Lond., 1890, p. 610.

4995. **naso**, W. L. Sclater — (*3623*); Barret-Hamilton, P. Z. S., 1900, p. 197. — Asia Centrali, inter Yarkand et Khotan (Langar).

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## Sectio III. Rodentia Hystrichomorpha.

### Familia XV. Pedetidae.

#### 765. Pedetes, Illiger, 1811.

*Yerboa*, Forster, 1778; *Helamys*, F. Cuv., 1825; *Dipus*, p., Auct. Illiger, Prodr. Syst. Mam. et Av., 1811, p. 81.

4996. **caffer**, Pallas — (*2233*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 231; Mam. S.-Afr., II, 1901, p. 80, f. 105, 106; p. 81, 82, f. 107. — Africa Merid., Colon. Cap. (in desertis), Port Elizabeth, etc., Transvaal, Rhodesia, Angola, Unyamwesi.

4997. **surdaster**, Thomas, Ann. Nat. Hist., 1902, IX, p. 440. — Africa Orient., Ibea (Morendat, 700 m.).

### Familia XVI. Ctenodactylidae.

#### 766. Ctenodactylus, Gray, 1830.

*Mus*, p., Pallas, 1778; *Gundi*, Shaw, 1801. Gray, Spicilegia Zool., II, 1830, p. 10.

4998. **gundi**, Pallas — (*3624*). — Algeria, Tunisia (Biskra, Tabessa, Mts Aures, Reg. Chotts).

4999. **vali**, Thomas, P. Z. S., 1902, p. 11. — Tripoli (Wadi-Bey, Titti Occid.).

#### 767. Massoutiera, Lataste, 1881.

Lataste, Bull. Soc. Zool. France, 1881, p. 314.

5000. **mzabi**, Lataste — (*3625*). — Algeria, Mzab (Djebel Zaccar).

5001. **vae**, Lataste — (*3626*). — Senegal (Reg. fl. Senegal Super.).

#### 768. Pectinator, Blyth, 1855.

Blyth, Journ. As. Soc. Beng., XXIV, 1855, p. 294.

5002. **spekei**, Blyth — (*3627*). — Somali, Obock, Danakil.

### 769. **Petromys,** A. Smith, 1831.

A. Smith, South-Afr. Quart. Journ., I, 1831, p. 11.

5003. **typicus**, A. Smith — (*3628*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 232; Mam. S.-Afr., II, 1901, p. 84, 85, fig. 108. — Africa Australi (Namaqua, M^tes^ ad ostia fl. Orange), Klipfontein (Port Nolloth).

### 770. †**Pellegrinia,** Gregorio, 1886.

Gregorio, Atti Soc. Toscana Sc. Nat., 1886, p. 234.

5004. †**panormensis**, Gregorio — (*3629*). — † Pleistoc. Sicilia.

### 771. **Ruscinomys,** Depéret, 1890.

Depéret, Mém. Soc. Géol. France, 1890, I, p. 60.

5005. †**europaeus**, Depéret — (*3630*). — † Pliocaen. Gallia Merid.

### 772. **Thryonomys,** Fitzinger, 1867.

*Aulacodus*, Temm., 1827 (nec Eschschricht); *Triaulacodus*, Lydekker, 1896; *Callomys*, Kaup (nec F. Geoff.).
Fitzinger, S.-B. Akad. Wiss. Wien, LVI, 1867, p. 141.

5006. **swinderianus**, Temminck — (*3755*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 234; Mam. S.-Afr., II, 1901, p. 86, f. 109; p. 87, 88, f. 110. — Africa Occid. et Merid., à Sierra Leone ad Natal (Congo, Angola, Nyasa, Mozambica, Transvaal, Zulu, Grahamstown).

5007. **gregorianus**, Thomas — (*3756*). — Africa Orient., Ibea, Zambezia Sept.

5008. **calamophagus**, Pousargues (*3757*). — Africa Centrali, Nyasa.

5009. **semipalmatus**, Heuglin — (*3758*). — Africa Centrali, Niam-Niam, ad Occid., fl. Bahr-el-Djur.

5010. **sclateri**, Thomas — (*3756^B^*). — Africa Centrali, Nyasa.

## Familia XVI. **Octodontidae.**

### Subfam. 1. **Octodontinae.**

### 773. **Ctenomys,** Blainv., 1826.

*Spalax*, p., Fischer, 1892.
Blainville, Bull. Soc. Philom., 1826, p. 62.

5011. †**bonaerensis**, Laurillard et d'Orbigny (*3631*). — † Pliocaen. Argentina.

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| 5012. † **subassentiens**, Ameghino, Anal. Mus. Nac. Buenos-Aires, 1902, p. 242, pl. 4, f. 20*a*—20*c*. | † Pliocaen. Bolivia (Tarija). |
| 5013. † **subquadratus**, Ameghino, l. c., 1902, p. 243, pl. 4, f. 19*a*, 19*b*. | † Pliocaen. Bolivia. |
| 5014. † **brachyrhinus**, Ameghino, l. c., 1902, p. 243, pl. 4, f. 21*a*—21*d*. | † Pliocaen. Bolivia. |
| 5015. † **lujanensis**, Ameghino — (*3632*); Nehring, S.-B. Ges. Naturf. Berl., 1900, p. 201. | † Pleistocaen. Argentina. |
| 5016. **brasiliensis**, Blainville — (*3633*). | Brasil ab Amazonia ad Argentinam, Paraguay, Pampas, Gran Chaco. |
| *nattereri*, Wagner — (*3633 syn.*); Nehring, l. c., 1900, p. 201. | |
| 5017. **opimus**, Wagner — (*3637*); Thomas, Ann. Nat. Hist. 1900, VI, p. 383; IX, 1902, p. 227. | Bolivia, Potosi, Pampa Aullaga (usque ad (4500 m., Livichuco). |
| *brasiliensis*, p., Waterhouse, 1848. | » |
| **a.** — **nigriceps**, Thomas, l. c., VI, 1900, p. 383; IX, 1902, p. 227. | Peru Merid., (Tetiri, 4800 m.). |
| **b.** — **luteolus**, Thomas, l. c., VI, 1900, p. 384. | Argentina (M$^{tes}$ Jujuy). |
| 5018. **frater**, Thomas, l. c., IX, 1902, p. 228. | Bolivia, (Potosi, 4300 m.) |
| 5019. **torquatus**, Lichtenstein — (*3634*); Nehring, S.-B. Naturf. Berl., 1900, p. 203, f. 2. | Uruguay (Maldonado), Bolivia. |
| 5020. **boliviensis**, Waterhouse — (*3636*). | Bolivia (S$^{ta}$ Cruz de la Sierra). |
| 5021. **talarum**, Thomas — (*3639$^{B}$*). | Argentina, (Ensenada, Las Talas). |
| 5022. **dorsalis**, Thomas, Ann. Nat. Hist., 1900, VI, p. 385. | Paraguay, Chaco Sept. |
| 5023. **tucumanus**, Thomas, l. c., 1900, VI, p. 301. | Argentina (Tucuman, 450 m). |
| 5024. **perrensi**, Thomas — (*3635*). | Argentina. |
| 5025. **leucodon**, Waterhouse — (*3638*). | Bolivia (La Paz, ad Lac. Titicaca). |
| 5026. **azarai**, Thomas, Ann. Nat. Hist., XI, 1903, p. 228; XII, p. 243. | Argentina (Reg. Buenos-Aires, Pampas). |
| 5027. **mendocinus**, Philippi — (*3639 syn.*) (bona sp.), Thomas, 1902. | Argentina, (Mendoza). |
| 5028. **bergi**, Thomas, Ann. Nat. Hist., 1902, p. 241. | Argentina (Cordova Centrali). |

5029. **colburni**, Allen, Bull. Amer. Mus., 1903, p. 188. — Patagonia (Arroyo Aike ad Lac. Buenos-Aires).

5030. **sericeus**, Allen, l. c., 1903, p. 187. — Patagonia (Rio Chico Sup., ad Cordilleras).

5031. **pundti**, Nehring, Zool. Anzeig., 1900, p. 420, 421, f. 1; S.-B. Ges. Naturf. Berl., 1900, p. 206, 207, f. 5, 6, 7. — Argentina (Cordova Merid.)

5032. **neglectus**, Nehring, l. c., 1900, p. 535. — Patagonia.

5032bis. **minutus**, Nehring — (*3639a*); bona sp., Nehring, Zool. Anz., 1900, p. 421, f. 2; S.-B. l. c., 1900, p. 201, 203, f. 1, 3, 4. — Brasil Merid., Rio Grande do Sul.

5033. **magellanicus**, Bennet — (*3639*). — Patagonia à Bahia-Blanca ad fretum Magellani.

5034. **robustus**, Allen, l. c., 1903, p. 185. — Patagonia. (Rio Chico Ste Cruz, ad Cordilleras).

5035. **maulinus**, Philippi — (*3640*). [1] — Chili.

5036. **fueginus**, Philippi — (*3641*). — Terra de Fuoco.

## 774. †**Dicaelophorus**, Ameghino, 1888.

*Ctenomys*, p., Owen, 1840; *Actenomys*, Burm., 1888. Ameghino, List. Mam. Fosil. Monte-Hermoso, 1888, p. 6.

5037. †**latidens**, H. Gervais et Amegh. — (*3642*). — † Pliocaen. Argentina.

5038. †**simplex**, Ameghino — (*3643*). — † Plioc. Argentina.

5039. †**celsus**, Ameghino — (*3644*). — † Plioc. Argentina.

5040. †**priscus**, Owen — (*3645*). — † Plioc. Argentina.

## 775. †**Phthoramys**, Amegh., 1887.

Ameghino, Apuntes prelim. Monte-Hermoso, 1887, p. 4.

5041. †**homogenidens**, Ameghino — (*3646*). — † Miocaen. Argentina.

## 776. †**Plataeomys**, Amegh., 1881.

Ameghino, La Antig. del Hombr., 1881, II, p. 306.

5042. †**scindens**, Ameghino — (*3647*). — † Pliocaen. Argentina

[1] Philippi (Anal. Mus. Chile, 1896, p. 11—16). a décrit en outre les *Ct. robustus, pallidus, pernix, chilensis*, du Chili.

### 777. †**Pithanotomys**, Amegh., 1887.

Ameghino, Apuntes prelim. Monte-Hermoso, 1887, p. 5.

5043. †**columaris**, Ameghino — (*3648*). †Pliocaen. Argentina.
5044. †**similis**, Ameghino — (*3649*). †Plioc. Argentina.
5045. †**intermedius**, Ameghino — (*3650*). †Plioc. Argentina.
5046. †**macer**, Ameghino — (*3651*). †Plioc. Argentina.
5047. †**cordubensis**, Ameghino — (*3652*). †Plioc. Argentina.
[1])

### 778. †**Dicolpomys**, Winge, 1888.

Winge, E Mus. Lundii, III, 1887, p. 99.

5048. †**fossor**, Winge — (*3653*). †Pleistocaen. Brasil Merid.

### 779. **Aconaemys**, Amegh., 1891.

*Schizodon*, Waterh., 1841 (nec Agassiz, 1829).
Ameghino, Revist. Argent. Hist. Nat., I, 1891, p. 245.

5049. **fuscus**, Waterhouse — (*3654*). Chili (Montibus Andium).
*fuscus foss.*, Ameghino (*3654*). †Plioc. Argentina.

### 780. **Spalacopus**, Wagler, 1832.

*Poephagomys*, F. Cuv., 1834; *Bathyergus*, p., F. Cuv., 1829; *Psammomys* et *Psammoryctes*, Poeppig, 1835.
Wagler, Isis, 1832, p. 1219.

5050. **poeppigi**, Wagler — (*3655*). Chili Sept., (Valparaiso).
a. —? **cyanus**, Molina — (*3655a*). Chili.

### 781. **Octodon**, Bennet, 1832.

*Dendrobius*, Meyen, 1833; *Geomys*, p., Gay.
Bennet, Proc. Zool. Soc. Lond., 1832, p. 46.

5051. **degus**, Molina — (*3656*). Chili Coquimbo).
a. — **peruanus**, Tschudi — (*3656a*). Peru (3000 m., San Mateo, Matacunas).
b. —? **frantziusi**, nom. nov. Costa Rica.
*degus*, p., Frantzius — (*3656b*). »
5052. **bridgesi**, Waterhouse — (*3657*). Chili (Colchagua).
5053. **gliroïdes**, d'Orbigny et Gervais — (*3658*). Bolivia (La Paz, in montibus).

[1]) Add.: †**Eoctodon** *securiclatus*, Ameghino, Bol. Acad. Cordoba, 1902, p. 115. — Eocaen. Patagonia.

### 782. **Octodontomys,** Palmer, 1903.

*Neoctodon,* Thomas, 1902 (nec Bedel, 1802).
Thomas, P. Z. S., 1902, I, p. 114; Palmer, Science, 1903, p. 873.

5054. **simonsi**, Thomas, P. Z. S., 1902, I, p. 115, pl. 8 et 9, fig. 8—12; Ann. Nat. Hist., 1902, IX, p. 227. — Bolivia, Potosi, (in M^bus^ Titicaca-Poopo merid. et orient., 4400 m., Livichuco. 4500 m.).

### 783. **Abrocoma,** Waterh., 1837.

»*Habrocoma*«, Auct.
Waterhouse, Proc. Zool. Soc. Lond., 1837, p. 30.

5055. **bennetti**, Waterhouse — (*3659*). — Chili (Aconcagua, S^ta^ Rosa).

5056. **cuvieri**, Waterhouse — (*3660*). — Chili (Valparaiso).

## Subfam. 2. **Echimyinae.**

[*Loncherinae,* Trt., Catal., 1897.]

**Recognitiones.**

1899. — **J. A. Allen,** The Generic Names *Echimys* and *Loncheres* (Bull. Amer Mus., XII, 1899, p. 257—264).
1901. — **E. A. Goeldi,** Dois Roedores notaveis . . . (Bol. Mus. Paraense. 1901. p. 170, 177—178 et 179).

### 784. **Dactylomys,** Is. Geoff., 1838.

*Echimys*, p., E. Geoff.; *Loncheres,* p., Fischer.
Isid. Geoffroy S^t^ Hilaire, Ann. Sc. Nat., X, 1838, p. 126.

5057. **dactylinus**, Desmarest — (*3661*). — Equator, Amazonia, Peru Sept.

5058. **peruanus**, Allen, Bull. Amer. Mus., 1900 p. 220. — Peru, (Juliaca, 2000 m.).

### 785. † **Olenopsis,** Amegh., 1889.

Ameghino, Mamif. Fosil. Argent., 1889, p. 145.

5059. † **uncinus**, Ameghino — (*3662*). — † Eocaen. Super. Patagonia.

5060. † **typicus**, Ameghino (*3663*). — † Oligocaen. Patagonia.

### 786. **Thrinacodus,** Günther, 1879.

Günther, Proc. Zool. Soc. Lond., 1879, p. 144.

5061. **albicauda**, Günther — (*3664*). Colombia (Medellin).

### 787. **Kannabateomys,** Jentink, 1891.

*Dactylomys*, p.. Wagner et Auct.
Jentink, Notes Leid. Mus., 1891, p. 105.

5062. **amblyonyx**, Wagner — (*3665*). Brasil Amazon., Centrali et Merid., usque ad Rio Grande do Sul.

† *amblyonyx foss.*, Winge — (*3665*). †Pleist. Minas-Geraës.

a. — **pallidior**, Thomas, Ann. Nat. Hist., 1903, XI, p. 489. Paraguay (Sapucay).

### 788. †**Adelphomys,** Ameghino, 1887.

Ameghino, Fosil. Patag., 1887, Enum. Sist. Esp. Mamif. p. 10.

5063. †**candidus**, Ameghino — (*3666*). †Eocaen. Super. Patagonia.

5064. †**eximius**, Ameghino — (*3667*). †Eocaen. Super. Patagonia.

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### 789. †**Stichomys,** Ameghino, 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 10.

5065. †**regularis**, Ameghino — (*3668*). †Eocaen. Sup. Patagonia.

5066. †**constans**, Ameghino — (*3669*). †Eoc. Sup. Patagonia.

5067. †**planus**, Ameghino — (*3670*). †Eoc. Sup. Patagonia.

5068. †**gracilis**, Ameghino — (*3671*). †Eoc. Sup. Patagonia.

5069. †**diminutus**, Ameghino — (*3672*). †Eoc. Sup. Patagonia.

5070. †**arenarius**, Ameghino — (*3673*). †Eoc. Sup. Patagonia.

5071. †**regius**, Ameghino — (*3674*). †Eoc. Sup. Patagonia.

### 790. †**Morenia,** Ameghino, 1886.

Ameghino, Biol. Acad. Cordoba, 1886, p. 49.

5072. †**elephantina**, Ameghino — (*3675*). †Miocaen. Argentina.

5073. †**compiacita**, Ameghino — (*3676*). †Miocaen. Argentina.

[1]) Add.: †**Protadelphomys** *latus*, Ameghino, Bol. Acad. Cordoba, 1902, p. 112. — Eocaen. Patagonia.

## 791. **Echimys**, F. Cuvier, 1809; Allen, 1899.

*Loncheres*, Illig., 1811 (nec Lund, 1841), Goeldi, 1901; *Nelomys*, Jourdan, 1837 (nec Lund, 1838); *Phyllomys*, Lund, 1838; Hensel, 1862; *Mesomys*, Wagner, 1845; *Loncheres*, Trouessart, Catal., 1897.
F. Cuvier, Bull. Soc. Philom., 1809, p. 394; Ann. Mus. Hist. Nat., XIX, 1812, p. 283.

### A. Echimys.

5074. **chrysurus**, Zimmermann, Geogr. Gesch., IV, 1780, p. 353; Allen, Bull. Amer. Mus., 1899, p. 258 — (*3677 syn.*). Guiana (Cayenne, Surinam), Venezuela, Brasil, Paraguay.
*cristatus*, Desmarest — (*3677*). »
5075. **blainvillei**, Jourdan — (*3678*). Brasil, Bahia, (I. Deos).
5076. **grandis**, Wagner — (*3679*). Brasil, Amazonia, (Manaqueri).
5077. **nigrispina**, Wagner — (*3680*); Thomas, Ann. Nat. Hist., 1902, IX, p. 62. Brasil, Amazonia, Ypanema, Paraña.
5078. **guianae**, Thomas — (*3686*). Guiana, Demerara, I. Trinitad.
5079. **unicolor**, Rüppel — (*3681*). Brasil — ?
5080. **ecaudatus**, Wagner — (*3709*, *3709*); Goeldi, Bol. Mus. Paraense, 1901, p. 170, pl. 1 et 2. Amazonia (Borba, Rio Negro, Rio Capim).
5081. **macrurus**, Wagner — (*3682*). Brasil, Amazonia, (Borba).
5082. **armatus**, Is. Geoffroy — (*3683*). Guiana, Brasil à Mato-Grosso ad Nov.-Fribourg; I. Martinica.
*didelphoides*, Desmarest (prioritatem habet).
5083. **dasythrix**, Hensel — (*3684*). Brasil Merid., (Rio Grande do Sul).
5084. **semivillosus**, Is. Geoffroy — (*3685*). Colombia (Carthagena).
5085. **punctatus**, Thomas, Ann. Nat. Hist., 1899, III, p. 153. Venezuela (Orinoco, Caicara).
5086. **obscurus**, Wagner — (*3685b*). Brasil —.
5087. **castaneus**, Allen et Chapman (*3687*). I. Trinitad (Princestown).

### B. † **Lonchophorus**, Lund, 1841.

Lund. K. Dansk. Vid. Selsk. Afh., 1841, p. 243.

5088. † **fossilis**, Lund — (*3688*). † Pleistocaen. Brasil Merid.

### C. **Isothrix**, Wagner, 1845.

*Nelomys*, p., Pictet (nec Jourdan), 1841; *Lasiuromys*, Deville, 1852; *Lasiomys*, Burmeister, 1854.
Wagner, Archiv. Naturg., 1845, Bd I, p. 145.

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| 5089. **pictus**, Pictet — (*3689*). | Brasil (Bahia). |
| 5090. **bistriatus**, Wagner — (*3690*). | Amazonia (Rio Negro. Rio Guapare). |
| a. — **orinocoi**. Thomas, Ann. Nat. Hist., 1899, IV, p. 382. | Venezuela (Orinoco Super., Maipures). |
| 5091. **pagurus**. Wagner — (*3691*). | Amazonia (Borba). |
| 5092. **caniceps**, Günther — (*3692*). | Colombia (Medellin). |
| 5093. **labilis**, Bangs, Amer. Natur., 1901, p. 638, fig. 1—3. | Panama, (I. San Miguel). |
| 5094. **hirsutus**. Burmeister — (*3693*). | Guiana (Maracaïbo). |
| 5095. **villosus**, Deville — (*3694*). | Amazonia Super., Peru. (San Paulo, Sarayacu, Rio Huallaga). |
| †?*villosus foss.*, Winge — (*3694*). | † Pleistoc. Brasil Merid. (Minas-Geraës). |
| 5096. **rufodorsalis**. Allen, Bull. Amer. Mus., 1899, p. 197. | Colombia (Reg. Santa Marta, Onaca). |

### 792. **Tricomys**, Trt. 1881[1]).

*Nelomys*, Lund, 1840 (nec Jourdan, 1837); *Echimys*, p., et *Isothrix*, p., Auct.
»*Thricomys*«, Trouessart, Bull. Soc. Etudes Scient. Angers, 1880 (1881), p. 179.

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| 5097. **apereoïdes**, Lund, 1840 — (*3695 syn.*). | Brasil Merid., Minas |
| *antricola*, Lund, 1841 — (*3695*). | Geraës, (Lagoa Santa). |
| 5098. **forsteri**. Thomas, Ann. Nat. Hist., 1903, XI, p. 227. | Paraguay (Sapucay). |
| 5099. **pachyurus**. Wagner — (*3696*). | Brasil, Amazonia, Mato Grosso (Cuyaba). |
| 5100. **inermis**. Pictet — (*3697*). | Brasil, Bahia (Jacobina). |
| 5101. **brevicauda**. Gunther — (*3698*); Thomas, Ann. Nat. Hist., 1900, VI, p. 301. | Colombia, Peru (Rio Huallaga) Bolivia (Cochabamba). |

[1]) Ce nom doit s'orthographier »*Tricomys*« et non »*Thricomys*« étant formé du génitif grec τριχός, et non du nominatif Θριξ.

### 793. **Cercomys,** F. Cuv., 1829.

Fréd. Cuvier, Mamm. Ménag. Mus., 1829, texte ad pl. 276, »Cercomys du Brésil«.

5102. **cunicularius**. F. Cuvier — (*3699*). Brasil (Minas Geraës).

### 794. †**Gyrignophus,** Amegh., 1891.

Ameghino, Revist. Argent. Hist. Nat., 1891, p. 300.

5103. †**complicatus**, Ameghino — (*3700*). †Eocaen. Sup. Patagonia.

### 795. **Graphimys,** Amegh. 1891.

Ameghino, Rev. Argent., 1891, p. 300.

5104. †**provectus**, Ameghino — (*3701*). †Eoc. Sup. Patagonia.

### 796. **Spaniomys,** Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 10.

5105. †**riparius**, Ameghino — (*3702*). †Eoc. Sup. Patagonia.
5106. †**modestus**, Ameghino — (*3703*). †Eoc. Sup. Patagonia.
5107. †**biplicatus**, Ameghino — (*3704*). †Eoc. Sup. Patagonia.
[1])

### 797. †**Tribodon,** Amegh., 1889.

Ameghino, Mamif. Fosil. Argent., 1889, p. 142.

5108. †. **clemens**, Ameghino — (*3706*). †Pliocaen. Argentina.

### 798. **Carterodon,** Waterh., 1848.

*Echimys, Nelomys* et *Aulacodus*, Lund, 1845.
Waterhouse, Nat. Hist. Mamm., II, 1848, p. 351.

5109. **sulcidens**, Lund — (*3705*). Brasil, Minas Geraës (Lagoa Santa).

†*sulcidens foss.*, Lund — (*3705*). †Pleistoc. Brasil Merid.

### 799. **Euryzygomatomys,** Goeldi, 1901.

*Mesomys*, p., Auct., et Trt., 1897 (nec Wagner, 1845); *Echimys*, p., *Loncheres*, p., et *Hypudæus*, p., Auct.
Goeldi, Bol. Mus. Paraense, 1901, p. 179.

5110. **spinosus**, Desmarest — (*3707*): Goeldi, l. c., 1901, p. 173, 179. Guiana, Brasil Centr. et Merid., Bolivia, Paraguay.

[1]) Add.: †**Prospaniomys** *priscus*, Ameghino, Bol. Acad. Cordoba, 1902, p. 113, — Eocaen. Patagonia.

5111. † **mordax**, Winge — (*3708*). — † Pleistocaen. Brasil Merid.

5112. **brachyurus**, Wagner (nec Waterh.)—(*3709*). — Brasil —.

5113. **rufus**, Lichtenstein — (*3711*). — Brasil Merid.

5114. **thomasi**, Von Ihering — (*3711$^{B}$*). — Brasil, I. San Sebastian.

5115. † **guiara**, Langsdorff — (*3712*). — Brasil, Amazonia (San Paulo, Ypanema).

## 800. **Proechimys**, Allen, 1899.

*Echimys*, F. Geoff. 1838 (nec F. Cuvier, 1809); Trt., 1897; *Loncheres*, p., Auct.; *Echinomys*, Wagner et Auct., Goeldi, 1901. J. A. Allen, Bull. Amer. Mus., 1899, p. 264.

5116. **cayennensis**, Desmarest — (*3713*); Allen, Bull. Am. Mus., 1899, p. 264. — Guiana, Equator, Brasil usque ad Lagoa Santa, Peru.

**a.** — **anomalus**, Kuhl — (*3173a*). — Brasil —.

5117. **trinitatis**, Allen et Chapman — (*3725*); Allen, l. c., 1899, p. 264. — I. Trinitad (Princestown).

5118. **vacillator**, Thomas, Ann. Nat. Hist., 1903, XI, p. 490. — Guiana Britann. (M$^{s}$ Kanuku).

*cayennensis*, p., Thomas, l. c., 1901, p. 152. — »

5119. **mincae**, Allen, Bull. Amer. Mus., 1899, p. 198. — Colombia, Santa Marta (Minca).

5120. **urichi**, Allen, l. c., 1899, p. 199. — Venezuela (Quebrada Secca).

5121. **canicollis**, Allen, l. c., 1899, p. 200. — Colombia, S$^{ta}$ Marta (Bonda).

5122. **guairae**, Thomas, Proc. Biol. Soc. Wash., 1901, p. 27. — Venezuela (La Guaira).

5123. **chrysaeolus**, Thomas — (*3725$^{B}$*); Thomas, l. c., 1899, IV, p. 381. — Colombia (Bogota), Venezuela Occid.

5124. **cherrieri**, Thomas, l. c., 1899, IV, p. 381. — Venezuela (Orinoco Super., Munduapo).

5125. **simonsi**, Thomas, l. c., 1900, VI, p. 300. — Peru, Junin. (ad fl. Perenè, 800 m.).

5126. **rosa**, Thomas, l. c., 1900, V, p. 219. — Equator Merid.-Occid. (Santa Rosa).

5127. **bolivianus**, Thomas, l. c., 1901, VIII, p. 537. — Bolivia Sept.-Occ., (Rio Beni Sup., Mapiri, 1000 m.).

5128. **securus**, Thomas, l. c., 1902, IX, p. 140. — Bolivia Sept., (Charuplaya, 1400 m.)

5129. **roberti**, Thomas, l. c., 1901, p. 531. — Brasil Merid. (Minas Geraës, Rio Jordaõ).

5130. **longicaudatus**, Rengger — (*3716*). — Paraguay.

5131. **setosus**, Desmarest — (*3714*). — Brasil —.

5132. **cinnamomeus**, Lichtenstein — (*3715*). — Brasil —.

5133. **fuliginosus**, Wagner — (*3717*). — Brasil —.

5134. **macrurus**, Jentink — (*3718*). — Guiana (Surinam).

5135. **albispinus**, Is. Geoffroy — (*3719*). — Brasil, Bahia, (I. Deos).

5136. **hispidus**, Desmarest — (*3720*). — Brasil, Bahia.

5137. **dimidiatus**, Günther — (*3722*). — America merid. — ?

5138. **ferrugineus**, Günther — (*3721*). — Amazonia Peruviana, (Rio Huallaga, Chamicuros).

5139. **semispinosus**, Tomes — (*3723*). — Equator.

5140. **gymnurus**, Thomas — (*3723B*). — Equator Sept. (Cachavi, 170 m.).

5141. **decumanus**, Thomas, Ann. Nat. Hist., 1899, IV, p. 282. — Equator, Guyas, (Guyaquil, Chongon).

5142. **centralis**, Thomas (*3724*). — Nicaragua (San Emilio).

a. — **panamensis**, Thomas, l. c., V, 1900, p. 220. — Panama (in Savannis, Pocoumé).

b. — **chiriquinus**, Thomas, l. c., V, 1900, p. 220. — Chiriqui (Bogava, 250 m.).

5143. **burrus**, Bangs, Amer. Natural., 1901, p. 640, fig. p. 641. — Panama. I. San Miguel.

## Subfam. 4. **Capromyinae.**

### 801. †**Scleromys**, Amegh., 1887.

Ameghino, Enum. Sist. Mamif. Fosil. Patag., 1887, p. 11.

5144. †**angustus**, Ameghino — (*3726*). — †Eocaen. Patagonia.

5145. †**osbornianus**, Ameghino — (*3727*). — †Eocaen. Patagonia.

### 802. †**Neoreomys**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 10.

5146. †**australis**, Ameghino — (*3728*). — †Eocaen. Super. Patagonia.

5147. † **indivisus**, Ameghino — (*3729*). † Eoc. Sup. Patagonia.
5148. † **decisus**, Ameghino — (*3730*). † Eoc. Sup. Patagonia.
5149. † **limatus**, Ameghino — (*3731*). † Eoc. Sup. Patagonia.
5150. † **variegatus**, Ameghino — (*3732*). † Eoc. Sup. Patagonia.

803. † **Pseudoneoreomys,** Amegh., 1891.

Ameghino, Rev. Argent. Hist. Nat., 1891, p. 300.

5151. † **leptorhynchus**, Ameghino — (*3733*). † Eoc. Sup. Patagonia.
5152. † **pachyrhynchus**, Ameghino — (*3734*). † Eoc. Sup. Patagonia.
5153. † **mesorhynchus**, Ameghino — (*3735*). † Eoc. Sup. Patagonia.

804. **Lomomys,** Amegh., 1891.

*Neoreomys*, p., Amegh. 1889.
Ameghino, Rev. Argent. 1891, p. 301.

5154. † **insulatus**, Ameghino, 1889 — (*3736*). † Eoc. Sup. Patagonia.
*ereaus*, Amegh., 1891. »

805. † **Orthomys,** Amegh., 1886.

Ameghino, Bol. Acad. Cordoba, 1886, p. 53.

5155. † **praecedens**, Ameghino — (*3737*). † Miocaen. Argentina.
5156. † **resecans**, Ameghino — (*3738*). † Miocaen. Argentina.
5157. † **dendatus**, Ameghino — (*3739*). † Miocaen. Argentina.

806. † **Eumysops,** Amegh., 1888.

Ameghino, Lista Mam. Fos. Monte Hermoso, 1888, p. 5.

5158. † **laeviplicatus**, Ameghino — (*3741*). † Pliocaen. Argentina.
5159. † **plicatus**, Ameghino — (*3740*). † Pliocaen. Argentina.
5160. † **robustus**, Ameghino — (*3742*). † Pliocaen. Argentina.

807. **Myocastor,** Kerr, 1792.

*Myopotamus*, E. Geoff., 1805; *Potamys*, Desm., 1825; *Guillinomys* Lesson, 1842; *Mastonotus*, Wesmaël, 1841.
Kerr, Anim. Kingd., Mamm., Syst. Cat. 1792, p. 225.

5161. † **paranensis**, Ameghino — (*3743*). † Miocaen. Argentina.
5162. † **obesus**, Ameghino — (*3744*). † Miocaen. Argentina.
5163. † **diligens**, Ameghino — (*3745*). † Miocaen. Argentina.
5164. † **priscus**, Ameghino — (*3746*). † Miocaen. Argentina.
5165. **coypus**, Molina (*3747*). Brasil Merid. Argentina, Paraguay, Peru, Chili, Patagonia. I. Chonos.

†*antiquus*, Lund — (*3747*). †Pleistocaen. Brasil Central. et Merid.

### 808. † **Matyoscor,** Amegh. 1902.

Ameghino, Anal. Mus. Nac. Buenos-Aires, 1902, p. 241.

5166. † **perditus**, Ameghino, l. c., 1902, p. 241, pl. 3, fig. 13 *a—c*. [1] †Pleistocaen. Bolivia (Tarija).

### 809. **Capromys,** Desm., 1822.

*Mus*, p., Pall., 1778; *Isodon*, Say, 1822 (nec E. Geoff., 1806). Desmarest, Bull., Soc. Philom., 1822, p. 185; Mém. Soc. Hist. Nat., 1822 (1823), p. 57.

5167. † **columbianus**, Chapman — (*3751*). †Pleistoc. Cuba.

5168. **pilorides**, Pallas (nec Desmarest) — (*3748*). I. Cuba.

*fournieri*, Desmarest. »

5169. ? **elegans**. Cabrera, Bol. Soc. Esp. Stor. Nat., I, 1901, p. 372. I. Cuba.

5170. **melanurus**, Poey — (*3749*).

5171. **prehensilis**, Poeppig — (*3750*). I. Cuba.

**a.** — **gundlachi**, Chapman, Bull. Amer. Mus. 1901, p. 317. I. des Pins.

5172. **brachyurus**, Tomes — (*3752*). I. Jamaïca.

**a.** — **thoracatus**, True — (*3752a*). I. Little Swan, (Honduras).

5173. **ingrahami**, Allen — (*3753*). I. Bahamas (Plana Keys East).

### 810. **Procapromys,** Chapman, 1901.

*Capromys*, p., Pousarg., 1899.
Chapman, Bull. Amer. Mus., 1901, p. 322.

5174. **geayi**, Pousargues, Bull. Mus. Hist. Nat. Paris, 1899, p., 150; Chapman, Bull. Amer. Mus., 1901, p. 322. Venezuela (M^tes inter Caracas et La Guayra).

### 811. **Plagiodontia,** F. Cuv., 1836.

*Capromys*, p., Auct.; *Plagiodon*, Alston, 1876.
F. Cuvier, Ann. Sc. Nat., VI, 1836, p. 347.

5175. **aedium**, F. Cuvier — (*3754*). I. San-Domingo, (Haïti).

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[1] Add.: †**Luantus** *propheticus*, *L. initialis*, Ameghino, Sinops. Geol.-Pal., 1899, p. 7, — Bol. Acad. Cordoba, 1902, p. 114. — Eocaen. Patagonia.

## Familia XIX. **Hystricidae.**

### 812. **Hystrix**, L., 1758.

*Acanthion*, F. Cuv., 1822; *Oedocephalus*, *Acantherium* et *Acanthochaerus* Gray, 1866; †*Hystricotherium*, Croizet, 1853; †*Lamprodon*, Wagn. 1848; †*Castor*, p., Roth et Wagn., 1854.
Linné, Syst. Naturae, I. 1758, p. 56.

5176. †**lamandini**, Filhol (*3760*). — †Oligocaen. Gallia.

5177. †**suevica**, Schlosser — (*3761*, exclus. syn. »*wiedmani* Roger«). — †Miocaen. Germania. (Suevia).

5178. **primigenia**, Wagner — (*3759*). — †Miocaen. Sup. Graecia, Gallia merid.

5179. †**etrusca**, Bosco, Palaeont. Ital., IV, 1898, p. 141. — †Pliocaen. Italia, Toscana.

5180. †**subhimalayana**, Falconer et Cautley — (*3762*). — †Pliocaen. India Sept.

5181. †**crassidens**, Lydekker — (*3763*). — †Pleistoc. India Merid.

5182. †**major**, Gervais — (*3764*). — †Pleistoc. Gallia Merid.

5183. **cristata**, Linné (*3765*); Anderson et Winton, Mam. of Egypt, 1902, p. 312, pl. 55. — Europa Merid., Africa, Sept. et Asia Minor (Hispania, Italia, Sicilia, Cherson. Taurica, Palæstina, Ægyptus, Algeria, Tunisia).

†*cristata foss.* Auct.
†*refossa*, Kuhl, Gervais (*3765*). — †Pleistoc. Europa Media et Merid.

5184. **leucura**, Sykes — (*3766*); Satunin, Mam. Caucas., 1903, p. 61. — Asia Merid., à Monte Caucaso, ad Himalaya, Bengal infer., I. Ceylon.

†*leucura foss.*, Auct.
†*hirsutirostris foss.*, Nehring (*3766*). — †Pleistoc. Europa Media (Germania).

5185. **longicauda**, Marsden — (*3767*). — Sumatra, Malacca (Jalor, Biserat), Birma, Yunnan, usque ad Himalaya, Nipal, Bengal, infer., Assam, etc.
*grotei*, Gray — (*3767 syn.*); Bonhote, Fasc. Malay. 1903, p. 39, pl. 3.
*yunanensis*, Anderson — (*3771*); Bonhote, P. Z. S., 1900, p. 881.

5186. **muelleri**, Jentink — (*3769*). Sumatra (Padang), Borneo.
*longicauda*, Marshall (nec Marsden, nec Hodgson). »
5187. **bengalensis**, Blyth — (*3768*). Bengal Orient., Assam.Arakan.Birma.
5188. **subcristata**, Swinhoë — (*3770*). China Merid.-Or., I. Haïnan.
5189. **javanica**, F. Cuvier — (*3772*). I. Java.
5190. **crassispinis**, Günther — (*3773*). I. Borneo.
5191. **pumila**, Günther — (*3774*). I. Philippinas (Paragua).
5192. ? **daubentoni**, F. Cuvier — (*3775*). Habitat — ?
5193. **africae-australis**, Peters — (*3776*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 235; Mam. S.-Afr., II, 1901, p. 89, 90, 91, f. 111 et 112. Africa Merid., à Congo Gallic. et Abyssinia, Somali, Africa Or. Germanica, ad Colonia Cap., (M$^s$ Table), Rhodesia, Transvaal, Orange, Natal.
*capensis*, Grill. 1858.
a. — **senegalica**, F. Cuvier — (*3776a*). Senegal, Gambia, Soudan Occid.
5194. **galeata**, Thomas — (*3777*). Africa Orient., (Lamu).

## 813. † **Anchitheriomys**, Roger, 1898.

*Hystrix*, p., Roger, 1885.
Roger, 28 Ber. Naturw. Ver. Schwab. u. Neub., 1885, p. 109.

5195. † **wiedemanni**, Roger — (*3761 syn., 3777$^B$*). † Miocaen. Germania Merid.

## 814. † **Oreomys**, Aymard, 1854.

Aymard, Ann. Soc. Agric. du Puy, XIX, 1854, p. 506.

5196. † **claveris**, Aymard — (*3778*). † Miocaen. Gallia Centrali.

## 815. **Atherura**, G. Cuv., 1829.

*Hystrix* et *Acanthion*, p., Auct.
G. Cuvier, Regn. Anim., 1829, I, p. 215.

5197. **macroura**, Linné — (*3779*); Bonhote, Fasc. Malay., 1903, p. 40. Cochinchina, Assam, Birma, Malacca (Jalor).
5198. † **karnuliensis**, Lydekker — (*3780*). † Pleistoc. India.

5199. **africana**, Gray — (*3781*). Africa Occ., à Sierra-Leone ad Angola.

5200. **armata**, Gervais — (*3782*). Senegambia.

5201. **centralis**, Thomas — (*3783*). Africa Centrali, (Monbuttu).

5202. **burrowsi**, Thomas, Ann. Nat. Hist., IX, 1902, p. 270. Congo (ad fl. Aruwimi infer.).

### 816. **Trichys**, Günther, 1876.

*Hystrix, Acanthion* et *Atherura*, p., Auct.
Günther, Proc. Zool. Soc. Lond., 1876, p. 739.

5203. **fasciculata**, Shaw — (*3784*). I. Borneo.
*lipura*, Günther, 1876; Bonhote, P. Z. S., 1900, p. 881. »

5204. **macrotis**, Miller, Proc. U. S. Nat. Mus., 1903, p. 469. I. Sumatra Sept.-Occ., (Tapanuli Bay).

## Familia XX. **Coendidae.**[1]

*Erethizidæ*, Thomas, 1896; *Cercolobidae*, Ameghino, 1894; *Synetherinae*, Auct. Vet.

### Subfam. 1. Coendinae.

### 817. †**Steiromys**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 9.

5205. †**detentus**, Ameghino — (*3785*). †Eocaen. Patagonia.

5206. †**duplicatus**, Ameghino — (*3786*). †Eocaen. Patagonia.
[2])

### 818. †**Acaremys**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 9.

5207. †**murinus**, Ameghino — (*3787*). †Eocaen. Patagonia.

5208. †**messor**, Ameghino — (*3788*). †Eocaen. Patagonia.

[1]) Règles de la Nomenclature, article 34. — »Les noms de famille seront formés en ajoutant la désinence *idae* au radical *du genre servant de type*« (Décision du Congrès International de Zoologie, *Compte-Rendu des Séances*, 1889, p. 424). Le genre **Coendu** étant le genre type et le plus anciennement dénommé, doit donner son nom à la famille.

[2]) Add.: †*Steiromys nectus, St. axiculus, St. tabulatus, St. segregatus*, †**Eosteiromys** *homogenidens*, Ameghino, Bol. Acad. Cordoba, 1902, p. 109–110, Eocaen. Patagonia.

5209. †**minutus**, Ameghino — (*3789*). †Eocaen. Patagonia.
5210. †**minutissimus**, Ameghino — (*3790*). †Eocaen. Patagonia.
5211. †**karaikensis**, Ameghino — (*3791*). †Eocaen. Patagonia.
5212. †**tricarinatus**, Ameghino — (*3792*). †Eocaen. Patagonia.
[1])

### 819. †**Sciamys**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 9.

5213. †**principalis**, Ameghino — (*3793*). †Eocaen. Patagonia.
5214. †**varians**, Ameghino — (*3794*). †Eocaen. Patagonia.
5215. †**robustus**, Ameghino — (*3795*). †Eocaen. Patagonia.
5216. †**tenuissimus**, Ameghino — (*3796*). †Eocaen. Patagonia.

### 820. **Erethizon**, F. Cuv., 1822.

*Hystrix*, p., L.; *Echinoprocta*, Gray, 1865; †*Hystricops*, Leidy, 1858.
F. Cuvier, Mém. du Mus., IX. 1822. p. 425.

5217. †**venustus**, Leidy — (*3797*). †Pleistocaen. Nebraska.

5218. †**cloacinus**. Cope — (*3798*); id., Journ. Acad. Nat. Sc. Philad., 1899, p. 199. †Pleistocaen. Pennsylvania.

5219. **dorsatus**. Linné — (*3799*); Elliot, Field Columb. Mus., II. 1901, p. 264, pl. 24. Canada Or., usque ad Saskatchewan, ad Maine, New Hampshire, Massachusetts.

†*dorsatus foss.*, Cope, l. c., 1899, p. 198. †Pleistoc. Pennsylvania.

**a.** — **picinus**, Bangs, Proc. N.-Engl. Zool. Club. 1900, p. 37. Labrador. (Lance au Loup).

5220. **epixanthus**, Brandt — (*3800*); Elliot, l. c., 1901, p. 265. California, à Missouri Super. ad Novo-Mexico (in montibus), et Unalaska.

**a.** — **couesi**, Mearns — (*3800a*); Elliot, l. c., p. 265. Arizona (Fort Whipple), Novo-Mexico.

**b.** — **myops**, Merriam, Proc. Wash. Acad., 1900, p. 27; Osgood, N.-Amer. Fauna, No 19, 1900, p. 38. Alaska (Regione Yukon, Portage Bay, White Pass).

**c.** — **nigrescens**, Allen, Bull. Amer. Mus., 1903, p. 558. Columbia Britann. (ad fl. Shesley).

[1]) Add.: **Protacaremys** *prior*, *P. avunculus*, *P. pulchellus*, Ameghino, Bol. Acad. Cordoba. 1902, p. 111, 112. Eocaen. Patagonia.

## 821. **Coendu**, Lacép., 1800.

*Synetheres* et *Cercolabes*, F. Cuv., 1822; *Sphingurus*, Alston, 1876. Lacépède, Mém. de l'Instit., III, 1800, p. 496.

5221. † **magnus**, Lund — (*3801*). — † Pleistocaen. Brasil Merid.

5222. † **dubius**, Lund — (*3802*). — † Pleistoc. Brasil.

5223. † **prehensilis**, Linné — (*3803*). — America Merid. Sept., Colombia, Venezuela, Guyana, Amazonia, I. Trinitad.

a. — ? **rufescens**, Gray — (*3803 a*). — Colombia.

5224. **brandti**, Jentink — (*3804*). — Brasil Merid., Mato-Grosso, Minas Geraës, Bolivia Orient.

† *prehensilis foss.*, Winge, 1887. — † Pleistoc. Brasil.

5225. **spinosus**, F. Cuvier (nec Rengger) — (*3805*). — Brasil —.

5226. **roberti**, Thomas, Ann. Nat. Hist., 1902, IX, p. 63. — Brasil Merid.-Orient., (Paraña).

5227. **tricolor**, Gray — (*3806*). — ? Bolivia.

5228. **boliviensis**, Gray — (*3807*). — Bolivia.

5229. **nycthemera**, Kuhl — (*3808*). — Brasil Sept.-Occid.

5230. **bicolor**, Tschudi — (*3808 syn.*); bona species, fide Thomas, 1902. — Peru Occid.

5231. **quichua**, Thomas, Ann. Nat. Hist., 1899, p. 283. — Equator, Pichincha, Rio Quallabamba Super., (Puembo).

5232. **rothschildi**, Thomas, l. c., 1902, X, p. 169; Nov. Zool., 1903, p. 41. — Panama, Chiriqui, (I. Sevilla).

5233. **simonsi**, Thomas, l. c., 1902, IX, p. 141. — Bolivia Sept., (Charuplaya, 1400 m.).

5234. **novae-hispaniae**, Brisson — (*3809*). — Mexico, à Mirador (22° lat. Sept.), ad Guatemala, Costa Rica.

*mexicana*, Kerr, 1792.

a. — **yucataniae**, Thomas, l. c., 1902, p. 249. — Yucatan, (Izamal?).

5235. **laenatus**, Thomas, l. c., 1903, XI, p. 381. — Panama, Chiriqui (Boquete, 1700 m.).

5236. **pallidus**, Waterhouse — (*3810*). — Archip. Antillas.

5237. **vestitus**, Thomas, l. c., 1899, IV, p. 284. — Colombia.

5238. **melanurus**, Wagner — (*3811*). — Guiana, Brasil Sept., (Barra do Rio Negro).

5239. **villosus**, F. Cuvier — (*3812*). Brasil, Ypanema, Rio de Janeiro, Minas Geraës, Rio Grande do Sul, Paraguay.
*spinosus*, Rengger (nec F. Cuv.).

**a.** — **nigricans**, Brandt — (*3812a*). Brasil —.

5240. **sericeus**, Cope — (*3813*). Brasil Merid.

5241. **affinis**, Brandt — (*3814*). Brasil (ripa sept. Rio Espiritu Santo).

5242. **insidiosus**, Kuhl — (*3815*). Guiana, Brasil Sept.

† *insidiosus foss.*, Winge. † Pleistoc. Brasil Merid.

## Subfam. 2. **Chaetomyinae.**

### 822. **Chaetomys,** Gray, 1843.

*Hystrix, Cercolabes* et *Sphingurus*, p., Auct.;
*Plectrochoerus*, Pictet, 1844.
Gray, Proc. Zool. Soc. Lond., 1843, p. 21.

5243. **subspinosus**, Kuhl — (*3816*). Brasil Sept. et Centr., (Bahia, Cometa).

## Familia XXI. **Viscaciidae.**

*Lagostomidae*, Auct., et Trt., 1897.

### 823. † **Sphaeromys,** Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 13.

5244. † **irruptus**, Ameghino — (*3817*). † Eocaen. Patagonia.

### 824. † **Sphodromys,** Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 13.

5245. † **scalaris**, Ameghino — (*3818*). † Eocaen. Patagonia.

### 825. † **Perimys,** Amegh., 1887.

*Sphiggomus*, Amegh., 1887.
Ameghino, Enum. Sist. Mam. Fos. Pat., 1887, p. 12.

5246. † **erutus**, Ameghino — (*3819*). † Eocaen. Patagonia.

5247. † **onustus**, Ameghino — (*3820*). † Eocaen. Patagonia.

5248. † **procerus**, Ameghino — (*3821*). † Eocaen. Patagonia.

5249. † **scalabrinianus**, Ameghino — (*3822*). † Oligocaen. Argentina.

5250. † **perpinguis**, Ameghino (*3823*). † Eocaen. Patagonia.
5251. † **angulatus**, Ameghino — (*3824*). † Eocaen. Patagonia.
5252. † **scalaris**, Ameghino — (*3825*). † Eocaen. Patagonia.
5253. † **planaris**, Ameghino — (*3826*). † Eocaen. Patagonia.
5254. † **pueraster**, Ameghino — (*3827*). † Eocaen. Patagonia.
5255. † **zonatus**, Ameghino — (*3828*). † Eocaen. Patagonia.
5256. † **puellus**, Ameghino — (*3829*). † Eocaen. Patagonia.
5257. † **impactus**, Ameghino — (*3830*). † Eocaen. Patagonia.
5258. † **aemulus**, Ameghino — (*3831*). † Eocaen. Patagonia.
5259. † **pacificus**, Ameghino — (*3832*). † Eocaen. Patagonia.
5260. † **reflexus**, Ameghino — (*3833*). † Eocaen. Patagonia.
5261. † **diminutus**, Ameghino — (*3834*). † Eocaen. Patagonia.
[1])

### 826. † **Pliolagostomus**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fos. Pat., 1887, p. 12.

5262. † **notatus**, Ameghino — (*3835*). † Eocaen. Patagonia.

### 827. † **Prolagostomus**, Amegh., 1887.

*Lagostomus*, p., Amegh., 1899.
Ameghino, Enum. Sist. Mam. Fos. Pat., 1887, p. 11.

5263. † **pusillus**, Ameghino — (*3836*). † Eocaen. Patagonia.
5264. † **divisus**, Ameghino — (*3837*). † Eocaen. Patagonia.
5265. † **profluens**, Ameghino — (*3838*). † Eocaen. Patagonia.
5266. † **imperialis**, Ameghino — (*3839*). † Eocaen. Patagonia.
5267. † **amplus**, Ameghino — (*3840*). † Eocaen. Patagonia.
5268. † **lateralis**, Ameghino — (*3841*). † Eocaen. Patagonia.
5269. † **primigenius**, Ameghino — (*3842*). † Eocaen. Patagonia.

### 828. **Viscacia**, Schinz, 1825.

*Lepus*, p., Molina, 1782; *Lagostomus*, Brooks, 1828; Trt., 1897; *Dipus*, p., Blainv., 1817; *Callomys*, p., F. Geoff., 1830.
Schinz, Naturg. und Abbild. Säug., 1824 (1825), p. 243; Cuvier's Thierreich, IV, 1825, p. 429; Allen, Proc. Biol. Soc. Wash., 1901, p. 181.

5270. † **antiquus**, Ameghino — (*3843*). † Miocaen. Argentina.
5271. † **pallidens**, Ameghino — (*3844*). † Miocaen. Argentina.

[1]) Add.: *Perimys dissimilis*, *P. incurvus*, *P. transversus*, *P. incavatus*, Ameghino, Bol. Acad. Cordoba, 1902, p. 116, 117. — Eocaen. Patagonia.

5272. †**incisus**, Ameghino — (*3845*). †Miocaen. Argentina.
5273. †**spicatus**, Ameghino — (*3846*). †Miocaen. Argentina.
5274. †**striatus**, Ameghino — (*3847*). †Miocaen. Argentina.
5275. †**laminosus**, Ameghino — (*3848*). †Miocaen. Argentina.
5276. †**egenus**, Ameghino — (*3849*). †Miocaen. Argentina.
5277. †**debilis**, Ameghino — (*3850*). †Pliocaen. Argentina.
5278. †**minimus**, Ameghino — (*3851*). †Pliocaen. Argentina.
5279. †**cavifrons**, Ameghino — (*3852*). †Pliocaen. Argentina.
5280. †**heterogenidens**, Ameghino — (*3853*). †Pliocaen. Argentina.
5281. †? **brasiliensis**, Lund — (*3854*). †Pleistoc. Brasil Merid.

5282. **viscacia**, Molina, Sagg. della Stor. Natural. Chili, 1782, p. 342 — (*3855*). Argentina, in Pampas, à 25° lat. ad Patagoniam (Rio Negro), et ad fl. Uruguay, (Montevideo, Parana, Tucuman).
*maximus*, Blainville, 1817.
*trichodactylus*, Brookes, Trt., 1877 — (*3855*).

†*trichod. foss.*, H. Gerv. et Amegh. †Pleistoc. Argentina.
a. — †**angustidens**, Burmeister — (*3855a*). †Pliocaen. Argentina

## 829. †**Scotaeumys**, Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fos. Patag., 1887, p. 12.

5283. †**imminutus**, Ameghino — (*3856*). †Eocaen. Patagonia.

## 830. **Lagidium**, Meyen, 1833.

*Lepus*, p., Molina, 1810; *Callomys*, p., F. Geoff. 1830; *Lagotis*, Bennet, 1833.
Meyen, Nov. Acta Acad. Nat. Cur., XVI, 1833, p. 576.

5284. **peruanum**, Meyen — (*3857*). Peru Merid., Chili, Bolivia, Argentina (in montibus).
*vizcacha*, p., Molina, 1810 (nec 1782).

5285. **pallipes**, Bennet — (*3858*). Bolivia et Peru Sept. (La Paz), usque ad Equator.

## 831. **Chinchilla**, Bennet, 1829.

*Eriomys*, Licht., 1829; *Callomys*, p., Is. Geoff., 1830. *Lagostomus*, p., Wagl., 1831; *Mus* et *Cricetus*, p., Molina.
Bennet, Gardens et Menag. Zool. Soc., I, 1829, p. 1.

5286. **laniger**, Molina — (*3859*); Albert, Ann. Univ. Chile, 1901, p. 913. Montes Andium à Peru ad Argentinam et Chili.

5287. **brevicaudata**, Waterhouse — (*3860*). Bolivia et Peru Sept., (in montibus).

### 832. †**Tetrastylus**, Amegh., 1886.

*Megamys*, p., Amegh., 1885.
Ameghino, Bol. Acad. Cient. Cordoba, 1886, p. 44.

5288. †**laevigatus**, Ameghino — (*3861*). †Oligocaen. Argentina.

5289. †**diffusus**, Ameghino — (*3862*). †Oligocaen. Argentina.

5290. †**montanus**, Ameghino — (*3863*). †Miocaen. Argentina.

### 833. †**Megamys**, Laurillard, 1848.

*Inoplotherium*, p., Brav., Burm.; *Nesodon*, p., Owen; *Potamarchus*, p., Burm.
Laurillard, *in* d'Orbigny, Voy. Amer. Merid., Paléont., 1848, p. 110.

5291. †**patagoniensis**, Laurillard (*3864*). †Oligocaen. Patagonia et Argentina.

5292. †**laurillardi**, Ameghino — (*3865*). †Oligocaen. Argentina.

5293. †**depressidens**, Ameghino — (*3866*). †Oligocaen. Argentina.

5294. †**holmbergi**, Ameghino — (*3867*). †Oligocaen. Argentina.

5295. †**racedi**, Ameghino — (*3868*). †Oligocaen. Argentina.

5296. †**praependens**, Ameghino (*3869*). †Oligocaen. Argentina.

5297. †**formosus**, Ameghino — (*3870*). †Oligocaen. Argentina.

### 834. †**Potamarchus**, Burm., 1885; Amegh. (emend.), 1891.

*Theridomys*, p., Brav.; *Megamys*, p. et *Discolomys*, p., Amegh., 1889.
Burmeister, Anal. Mus. Buenos-Aires, XIV, 1885, p. 154 (partim).

5298. †**murinus**, Burmeister — (*3871*). †Oligocaen. Argentina.

5299. †**sigmodon**, Ameghino — (*2872*). †Oligocaen. Argentina.

835. †**Neoepiblema,** Amegh., 1889.

*Epiblema,* Amegh., 1886 (nec Hübner, 1816).
Ameghino, Bol. Ac. Cordoba, 1886, p. 42; Mam. Fos., 1889, p. 208, 906.

5300. †**horridula**, Ameghino — (*3873*). †Oligocaen. Argentina.

5301. †**contorta**, Ameghino — (*3874*). †Oligocaen. Argentina.

836. †**Euphilus,** Amegh., 1889.

*Megamys,* p., Amegh., 1886.
Ameghino, Mam. Fosil. Argent., 1889, p. 206.

5302. †**burmeisteri**, Ameghino — (*3875*). †Oligocaen. Argentina.

5303. †**ambrossetianus**, Ameghino — (*3876*). †Oligocaen. Argentina.

5304. †**kurtzi**, Ameghino — (*3877*). †Oligocaen. Argentina.

837. †**Briaromys,** Amegh., 1889.

Ameghino, Mam. Fosil. Argent., 1889, p. 904.

5305. †**trouessartianus**, Ameghino — (*3878*). †Oligocaen. Argentina.

838. †**Gyriabrus,** Amegh., 1891.

Ameghino, Revist. Argent. Hist. Nat., 1891, p. 246.

5306. †**glutinatus**, Ameghino — (*3879*). †Oligocaen. Argentina.

839. †**Colpostemma,** Amegh., 1891.

Ameghino, Rev. Arg. Hist. Nat., 1891, p. 141.

5307. †**sinuata**, Ameghino — (*3880*). †Oligocaen. Argentina.

840. †**Strophostephanus,** Amegh., 1891.

Ameghino, Rev. Argent., 1891, p. 142.

5308. †**jheringi**, Ameghino — (*3881*). †Oligocaen. Argentina.

## Familia XXII. † **Castoroididae.**

### 841. † **Castoroïdes,** Forster, 1838.

*Castor*, p., et *Trogontherium*, p., Dekay, 1842.
Forster, Amer. Journ. Sc., XXXI, 1837 (1838), p. 80.

5309. † **ohioensis**, Forster — (*3882*); Tullberg, Syst. Nagethiere, 1899, p. 474. — † Pleistocaen. United States, ab Ohio, New-York ad Texas.

### 842. † **Amblyrhiza,** Cope, 1868.

*Loxomylus*, Cope, 1869.
Cope, Proc. Acad. Philad., 1868, p. 313.

5310. † **inundata**, Cope — (*3883*). — † Pleistocaen. Antillas (I. Anguilla).

## Familia XXIII. † **Eocardidae.**

### 843. † **Eocardia,** Amegh., 1887.

Ameghino, Obs. Gen. Mam. Esting, 1887, p. 65.

5311. † **montana**, Ameghino — (*3884*). — † Oligocaen. Patagonia.

5312. † **perforata**, Ameghino — (*3885*). — † Oligocaen. Patagonia.

### 844. † **Eoprocardia,** Nom. Nov.

*Eocardia*, p., et *Procardia*, Amegh., 1891 (nec Meeck, 1871).
Ameghino, Revist. Argent. Hist. Nat., 1891, p. 302.

5313. † **elliptica**, Ameghino — (*3886*). — † Oligocaen. Patagonia.

### 845. † **Dicardia,** Amegh., 1891.

*Eocardia*, p., Am., 1891.
Ameghino, Rev. Arg., 1891, p. 302.

5314. † **fissa**, Ameghino — (*3887*). — † Oligocaen. Patagonia.

5315. † **maxima**, Ameghino — (*3888*). — † Oligocaen. Patagonia.

5316. † **modica**, Ameghino — (*3889*). — † Oligocaen. Patagonia.

5317. † **excavata**, Ameghino — (*3890*). † Oligocaen. Patagonia.

5318. † **proxima**, Ameghino — (*3891*). † Oligocaen. Patagonia.

846. † **Tricardia,** Amegh., 1891.

*Eocardia*, p., Am., 1887.
Ameghino, Rev. Arg., 1891, p. 302.

5319. † **divisa**, Ameghino — (*3892*). † Oligocaen. Patagonia.

5320. † **gracilis**, Ameghino — (*3893*). † Oligocaen. Patagonia.

5321. † **crassidens**, Ameghino — (*3894*). † Oligocaen. Patagonia.

847. † **Schistomys,** Amegh., 1887.

Ameghino, Enum. Sist. Mam. Fosil. Patag., 1887, p. 13.

5322. † **crassus**, Ameghino — (*3895*). † Oligocaen. Patagonia.

5323. † **erro**, Ameghino — (*3896*). † Oligocaen. Patagonia.

848. † **Phanomys,** Amegh., 1887.

Ameghino, Enum. List., 1887, p. 13.

5324. † **mixtus**, Ameghino — (*3897*). † Oligocaen. Patagonia.

5325. † **vetulus**, Ameghino — (*3898*). † Oligocaen. Patagonia.

849. † **Hedimys,** Amegh., 1887.

Ameghino, Enum. Sist., 1887, p. 14.

5326. † **integer**, Ameghino — (*3899*). † Oligocaen. Patagonia.

850. † **Callodontomys,** Amegh., 1889.

Ameghino, Mamif. Fosil. Arg., 1889, p. 259.

5327. † **vastatus**, Ameghino — (*3900*). † Oligocaen. Patagonia.

### 851. †**Luantus**, Ameghino, 1899.[1])

Ameghino, Synops. Geol.-Pal. Sec. Censo Arg., 1899, p. 7.

5328. †**propheticus**. Ameghino, l. c., 1899, p. 7. †Eocaen. Patagonia.
5328[b]. †**initialis**, Ameghino, l. c., 1902, p. 114. †Oligocaen. Patagonia.

### 852. †**Archaeocardia**, Cossmann, 1902.

*Palaeocardia*, Ameghino, Bol. Acad. Cord., 1902, p. 119 (nec Hall, 1867); Cossmann, Rev. de Paléozool., 1802, p. 170.

5329. †**mater**. Ameghino, l. c., 1902, p. 119. †Oligocaen. Patagonia.

## Familia XXIV. **Agoutidae.**

*Dasyproctidae*, Auct.; Trt., 1897.

### 853. **Dasyprocta**, Illig. 1811.

*Platypyga*, Illig., 1811; *Chloromys*, F. Cuv., 1812; *Mus* et *Cavia*, p., Auct. Vet.
Illiger, Prodr. Syst. Mam., 1811, p. 93.

5330. †**capreolus**, Lund — (*3901*). †Pleistocaen. Brasil.
5331. **mexicana**, Saussure — (*3902*). Mexico (Terras Calientes).
5332. **punctata**, Gray — (*3903*). Mexico (Yucatan, Guatemala. Costa Rica).
5333. **isthmica**, Alston — (*3904*); Bangs, Amer. Natur., 1901, p. 636, f. A. Costa Rica, Panama.
5334. **coïbae**, Thomas, Novit. Zool., 1902, p. 136. Panama (I. Coïba).
5335. **callida**, Bangs, Amer. Natur., 1901, p. 635, 636, f. B. Panama (I. San Miguel).
5336. **ruatanica**, Thomas, Ann. Nat. Hist., 1901, VIII, p. 272. Honduras (I. Ruatan).
5337. **cristata**, Desmarest - (*3905*). Antillas (I. St Vincent, Ste Lucie, St Thomas, I. Grenada).
5338. **variegata**, Tschudi — (*3906*). Peru Or. et Centrali (Chanchamayo), ? Equator.
5339. **columbiana**, Bangs, Proc. Biol. Soc. Wash., 1898, p. 163. Colombia, (Sierra de Santa Marta).

[1]) Ce genre doit être classé près de **Myocastor**, dans les *Capromyinae* (suprá, p. 508).

5340. **fuliginosa**, Wagler — (*3907*). Brasil Sept., Equator, Amazonia, Peru Or.

5341. **kalinowskii**, Thomas — (*3907B*). Peru (Cuzco, Vallo Santa Ana).

5342. **azarae**, Lichtenstein — (*3908*). Brasil Merid., ab Ypanema ad Rio de la Plata, Bolivia, Paraguay.

† *agutioïdes*, Lund — (*3908*). † Pleistocaen. Brasil Merid.

5343. **rubratra**, Thomas — (*3908B*). I. Trinitad, Guiana (Savannah Grande).

**a.** — **flavescens**, Thomas — (*3908Bb*); Ann. Nat. Hist., 1903, XI, p. 492. Venezuela, (Cumana, Caripé).

5344. **lucifer**, Thomas. Ann. Nat. Hist., 1903, XI, p. 491. Vallo fl. Orinoco, (Caicara).

**a.** — **cayennae**, Thomas, l. c., 1903, XI, p. 492. Guiana, Cayenna, (Approuague).

5345. **aguti**, Linné — (*3909*, *3909*). Brasil, Amazonia, Peru Orient. (nec Guiana).

5346. **croconota**, Wagner — (*3910*). Brasil, Amazonia.

5347. **aurea**, Cope — (*3911*). Brasil Merid.

5348. **prymnolopha**, Wagler — (*3912*). Guiana Sept., Venezuela.

## 854. **Myoprocta**, Thomas, 1903.

*Dasyprocta*, p., Auct.
Thomas, Ann. Nat. Hist., 1903, XII, p. 464.

5349. **acouchy**, Erxleben — (*3913*); Thomas, l. c., 1903, XII, p. 464. Guiana, Brasil, Amazonia.

## 855. **Agouti**, Lacép., 1799.

*Cœlogenys*, F. Cuv., 1807; Trt., 1897; † *Osteopera*, Harlan, 1825; *Paca*, *Mus*, p., et *Cavia*, p., Auct. Vet.
Lacépède, Tableau des Mammif., 1899, p. 9.

5350. **paca**, Linné — (*3914*). America Merid., ab Equator ad Paraguay; ? Mexico.

† *paca foss.*, Winge — (*3914 part.*). † Pleistoc. Brasil.

† *platycephalus*, Harlan (*3914 part.*). †? Pleist. United States (introduct. recent.)

a. — **virgatus**, Bangs, Bull. Mus. Comp. Zool. 1902, p. 47. — America Centrali (Chiriqui, Divala), ? Mexico.

5351. **sublaevis**, Gervais — (*3915*). — Colombia.

5352. **taczanowkii**, Stolzmann — (*3916*). — Equator (2000—3300 m.).

## Familia XXV. **Dinomyidae.**

### 856. **Dinomys**, Peters, 1873.

Peters, M.-B. Akad. Wiss. Berlin, 1873, p. 551.

5353. **branickii**, Peters — (*3917*). — Peru.

## Familia XXVI. **Caviidae.**

### 857. †**Neoprocavia**, Ameghino, 1889.

*Procavia*, Amegh., 1885 (nec Storr, 1780); *Arvicola*, p., Burm.; *Cardiomys*, Amegh., 1885.
Ameghino, Mam. Fos. Argent., 1889, p. 235.

5354. †**mesopotamica**, Ameghino — (*3918*). — †Oligocaen. Argentina.

5355. †**egena**, Ameghino — (*3919*). — †Miocaen. Argentina.

5356. †**cavina**, Ameghino — (*3920*). — †Oligocaen. Argentina.

### 858. †**Magestus**, Amegh., 1899.

*Megastus*, Roth, 1898 (nec *Megastes*, Guénée, 1854).
Roth, Rev. Mus. La Plata, 1898, p. 193; (nom. nov.),
Ameghino, Sinops. Geol. Pal. Arg., 1899, p. 7.

5357. †**elongatus**, Roth, l. c., 1898, p. 53 et 193. — †Miocaen. Argentina (Neuquen).

### 859. †**Palaeocavia**, Amegh., 1888.

Ameghino, Lista Mam. Fosil., 1888, p. 11;
id., Mam. Fos. Arg., 1889, p. 231.

5358. †**impar**, Ameghino — (*3921*). — †Pliocaen. Argentina.

5359. † **avita**, Ameghino — (*3922*). † Pliocaen. Argentina.

5360. † **pampaea**, Ameghino — (*3923*). † Pliocaen. Argentina.

5361. † **minuta**, Ameghino — (*3924*). † Pliocaen. Argentina.

860. † **Microcavia**, H. Gerv. et Amegh., 1880.

H. Gervais et Ameghino, Mam. foss. Am. Sud, 1880, p. 52.

5362. † **prona**, Ameghino — (*3925*). † Pliocaen. Argentina.

5363. † **typica**, H. Gerv. et Am. — (*3926*). † Pliocaen. Argentina.

5364. † **robusta**, H. Gerv. et Am. — (*3927*). † Pliocaen. Argentina.

5365. † **dubia**, H. Gerv. et Am. — (*3928*). † Pliocaen. Argentina.

5366. † **uncinata**, Ameghino — (*3929*). † Pliocaen. Argentina.

5367. † **intermedia**, H. Gerv. et Am. — (*3930*). † Pliocaen. Argentina.

861. **Cavia**, Pallas, 1766.

*Mus*, p., L.; *Anoema*, F. Cuv., 1812.
Pallas, Miscell. Zool., 1766, p. 30.

A. **Cavia**.

5368. † **vates**, Winge — (*3931*). † Pleistocaen. Brasil.

5369. **porcellus**, Linné — (*3932*, exclus. syn. »*aperea Marcgr.*«, et à Thomas ad formam domesticam restrictus); Thomas, Ann. Nat. Hist., 1901, VIII, p. 533. Brasil (domesticatus et indè in Europam et omnes Regiones Orbis translatus).

*aperea*, Auct. (nec Marcgrave). »

*cobaya*, Marcgr. — (*3933a*). »

5370. **rufescens**, Lund (*3932b*); Thomas, l. c., 1901, VIII, p. 532, 533. Brasil, Bolivia, Paraguay, Argentina, Uruguay.

† *porcellus foss.*, Winge — (*3932*). † Pleistoc. Brasil.

**a.** — **guianae**, Thomas, l. c., 1901, VIII, p. 152. Guiana Britann., (Ms Kanuka, Berbice).

**b.** — **pamparum**, Thomas, l. c., 1901, VIII, p. 538. Argentina (La Plata, Corrientes, Goya).

5371. **cutleri**, Bennet (nec Tschudi) — (*3933*, exclus. synon., — *3933, 3933a App.*). Peru (Lima, Ancon), (domesticatus à Peruvianis).

5372. **fulgida**, Wagler — (*3934*); Thomas, l. c., 1901, VIII, p. 533. Brasil Sept., Amazonia.

5373. **azarae**, Wagner, Schreb. Säug. Suppl., IV, 1844, p. 63; Thomas, l. c., 1901, VIII, p. 533, 534. Paraguay.

5374. **aperea**, Erxleben (ex Marcgrave), Mam. 1777, p. 348; Thomas, Ann. Nat. Hist., 1901, VIII, p. 532, 533 — (*3932 part.*). Brasil Merid., Minas Geraës (RioJordaô).

*leucopyga*, Brandt, — (*3935*, exclus. synon. »*azarae*«). »

5375. **tschudii**, Fitzinger — (*3936*). Peru Occid. (Iça).

*cutleri*, Tschudi (nec Bennet). »

B. **Cerodon**, F. Cuv., 1823.

*Galea*, Meyen, 1833; *Anoema*, Burmeister.
»*Kerodon*«, F. Cuvier, Dents des Mamm., 1823, p. 131.

5376. † **turgeo**, Ameghino — (*3937*). † Pliocaen. Argentina.

5377. † **antiquus**, d'Orbigny — (*3938*). † Pliocaen. Argentina.

5378. † **priscus**, Ameghino — (*3939*). † Pliocaen. Argentina.

5379. † **pygmaeus**, Ameghino — (*3940*). † Pliocaen. Argentina.

5380. † **breviplicatus**, Burmeister — (*3941*). † Pleistocaen. Argentina.

5381. **flavidens**, Brandt — (*3942*). Brasil Sept., (Bahia), Bolivia.

† *flavidens foss.*, Winge — (*3942*). † Pleistoc. Brasil Merid.

5382. **boliviensis**, Waterhouse — (*3943*); Thomas, Ann. Nat. Hist., 1901, VII, p. 195. Bolivia, Peru (in Montibus, Lac. Titicaca).

a. **leucoblephara**, Burmeister — (*3946*); Thomas, l. c., p. 195. Argentina (à Mendoza ad Tucuman).

b. — **littoralis**, Thomas, l. c., 1901, VII, p. 195. Argentina (Bahia Blanca).

c. — **saxatilis**, Lund — (*3943a*). Brasil Merid., (Minas Geraës).

5383. **spixi**, Wagler — (*3944*). Brasil (Bahia, Rio de Janeiro).

5384. **rupestris**, Wied — (*3947*). Brasil, (à Bahia ad Minas Geraës, in Reg. Saxosis).

5385. **moenas**, Thomas — (*3945B*). Argentina (Chilecito, Rioja, 1200 m.).

5386. **niata**, Thomas — (*3945C*). Bolivia Ms Sahama, (4000 m.).

a. — **pallidior**, Thomas, Ann. Nat. Hist., 1902, IX, p. 229. Pampa Aullaga (Sevaruga, 3720 m.).

5387. **australis**, F. Geoffroy — (*3945*). Patagonia (à Rio Negro ad fretum Magellani).

## 862. † Orthomyctera, Amegh., 1888.

*Cavia* et *Dolichotis*, p., Am., 1888.
Ameghino, Lista Mam. Fos., 1888, p. 12; Mam. Fos. Argent., 1889, p. 218.

5388. † **rigens**, Ameghino — (*3948*). † Miocaen. Super. Argentina.

5389. † **vaga**, Ameghino — (*3949*). † Miocaen. Sup. Argentina.

5390. † **lata**, Ameghino — (*3950*). † Pliocaen. Argentina.

5391. † **lacunosa**, Ameghino — (*3951*). † Pliocaen. Argentina.

5392. † **improla**, Ameghino — (*3952*). † Pliocaen. Argentina.

## 863. Dolichotis, Desmarest, 1819.

*Cavia*, p., *Dasyprocta*, p., *Kerodon*, p., *Chloromys*, p., Auct.; *Mara* d'Orb., 1829.
Desmarest, Journ. de Phys., 1819, p. 211.

5393. † **minor**, H. Gerv. et Amegh. — (*3953*). † Pliocaen. Argentina.

5394. † **major**, H. Gerv. et Am. — (*3954*). † Pliocaen. Argentina.

5395. † **intermedia**, Ameghino — (*3955*). † Pliocaen. Argentina.

5396. † **platycephala**, Ameghino — (*3956*). † Pliocaen. Argentina.

5397. **patagonica**, Shaw — (*3957*, exclus. syn.). — Argentina et Patagonia.

†*patagonica foss.*, Ameghino — (*3957*). — †Pleist. Argentina.

5398. **magellanica**, Kerr — (*3957 part.*). — Argentina Merid. et Patagonia (ad fretum Magellani).

a. **centricola**, Thomas, Ann. Nat. Hist., 1902, IX, p. 242. — Argentina (Cordova Centrali, Cruz del Eje).

5399. **centralis**, Weyenbergh — (*3957 part.*); Thomas, l. c., 1902, p. 244. — Cordova.

5400. **salinicola**, Burmeister — (*3957 part.*, *3957B*); Thomas, l. c., 1902, IX, p. 243. — Argentina Sept. et Centrali, Cordova (Salinas).

### 864. †**Eucardiodon**, Amegh., 1891.

*Cardiodon*, Amegh., 1885 (nec Owen, 1841).
Ameghino, Bol. Acad. Cordoba, 1885, p. 59; Rev. Arg., 1851, p. 247.

5401. †**marshi**, Ameghino — (*3958*). — †Miocaen. Argentina.

5402. †**affinis**, Ameghino — (*3959*). — †Miocaen. Argentina.

### 865. †**Anchimys**, Amegh., 1889.

*Cardiodon*, p., Amegh., 1885.
Ameghino, Mam. Fosil., 1889, p. 239.

5403. †**leidyi**, Ameghino — (*3960*). — †Miocaen. Argentina.

### 866. †**Procardiotherium**, Amegh., 1885.

Ameghino, Bol. Acad. Cordoba, 1885, p. 53.

5404. †**simplicidens**, Ameghino — (*3961*). — †Miocaen. Argentina.

5405. †**crassum**, Ameghino — (*3962*). — †Miocaen. Argentina.

### 867. †**Phugatherium**, Amegh., 1887.

Ameghino, Apuntes prel. Mam. Est. Monte Hermoso, 1887, p. 6.

5406. †**cataclysticum**, Ameghino — (*3963*). — †Mioc. Sup. Argentina.

### 868. †**Cardiotherium**, Amegh., 1883.

*Contracavia*, Burm., 1885.
Ameghino, Bol. Acad. Cordoba, 1883, p. 270.

5407. †**doeringi**, Ameghino — (*3964*). — †Miocaen. Argentina.

5408. †**petrosum**, Ameghino — (*3965*). — †Miocaen. Argentina.

5409. † **denticulatum**, Ameghino — (*3966*). † Miocaen. Argentina.
5410. † **minutum**, Ameghino — (*3967*). † Miocaen. Argentina.

### 869. † Diocartherium, Amegh., 1888.

Ameghino, Lista Mam. Fos., 1888, p. 10; Mam. Fos. Arg., 1889, p. 250.

5411. † **australe**, Ameghino — (*3968*). † Mioc. Sup. Argentina.

### 870. † Plexochoerus, Amegh., 1886.

*Hydrochoerus*, p., Am., 1883.
Ameghino, Bol. Acad. Cordoba, 1886, p. 56.

5412. † **paranensis**, Ameghino — (*3969*). † Miocaen. Argentina.
5413. † **adluis**, Ameghino — (*3970*). † Miocaen. Argentina.
5414. † **lynchi**, Ameghino — (*3971*). † Miocaen. Argentina.

### 871. Hydrochoerus, Brisson, 1756.

*Sus*, p. L.; *Cavia*, p., Schreb.; † *Chromys*, Leidy, 1853.
Brisson, Regn. Anim., 1756, p. 116.

5415. † **perturbidus**, Ameghino — (*3972*). † Pliocaen. Argentina.
5416. † **irroratus**, Ameghino — (*3973*). † Pliocaen. Argentina.
5417. † **magnus**, H. Gerv. et Am. — (*3974*). † Pliocaen. Argentina.
5418. † **robustus**, Leidy — (*3975*). † Pleistoc. Nicaragua.
5419. † **aesopi**, Leidy — (*3976*); Cope, Amer. Nat., 1883, p. 379, f. 30. † Pleistoc. Carolina Merid.
5420. † **tarijensis**, Ameghino, Anal. Mus. Buenos-Aires, 1902, p. 244, pl. 3, f. 14—15*b*. † Pleistocaen Bolivia (Vallo Tarija).
*aff. capyraba*, Gervais, 1855.
*giganteus*, Amegh. 1889 (nec Lund, nec Winge).
*capyraba foss.*, Amegh., 1889.
5421. **capyraba**. Linné — (*3977*). America Merid.-Or., à Guiana ad Rio de La Plata, Peru Or., Bolivia.
† *capyraba foss.*, Lund — (*3977* part., exclus. syn.: »Ameghino«). † Pleistoc. Brasil Merid., (*nec* Bolivia).
**a.** — † **giganteus**, Lund — (*3977a*); Winge (nec Ameghino). † Pleistoc. Brasil. Merid.
*subvidens*, Lund. »

872. †**Caviodon,** Amegh., 1885.

Ameghino, Bol. Acad. Cordoba, 1885, p. 63.

5422. †**multiplicatus**, Ameghino — (*3978*). †Miocaen. Argentina.
5423. †**obtritus**, Ameghino — (*3979*). †Mioc.Sup.Argentina.

873. †**Strata,** Amegh., 1886.

Ameghino, Bol. Acad. Cordoba, 1886, p. 68.

5424. †**elevata**, Ameghino — (*3980*). †Miocaen. Argentina.

**Incertae Sedis.**

874. †**Paradoxomys,** Amegh., 1885.

Ameghino, Bol. Acad. Cordoba, 1885, p. 6.

5425. †**cancrivorus**, Ameghino — (*3981*). †Mioc. inf. Argentina.
5426. †**patagonicus**, Ameghino — (*3982*). †Mioc. inf. Patagonia.

875. †**Cephalomys,** Amegh., 1902.

Ameghino, Bol. Acad. Cordoba, 1902, p. 39.

5427. †**prorsus**, Ameghino, l. c., 1902, p. 39; Anal. Mus. B.-Aires, 1903, p. 122, f. 41, 42. †Cretac. Sup. Patagonia.

876. †**Asteromys,** Amegh., 1902.

Ameghino, Bol. Acad. Cord., 1902.

5428. †**annectans**, Ameghino, l. c., 1902, p. 39. †Cretac. Patagonia.

## Sectio IV. Lagomorpha.

**Recognitio.**

1899. Forsyth Major, *On Fossil and Recent Lagomorpha* (Trans. Linn. Soc. Lond., VII, pars 9, p. 433. fig. et pl. 36—39).

## Familia XXVII. **Ochotonidae.**

877. †**Titanomys,** H. von Meyer, 1843.

*Lagodus*, et *Amphilagus*, Pomel, 1854; *Lagopsis*, p., Schlosser.
H. von Meyer, Neues Jahrb. f. Mineral., 1843, p. 390.

5429. †**visenoviensis**, H. v. Meyer — (*3983*); Major, Trans. Linn. Soc., VII, p. 436, pl. 36, 37, 39. †Miocaen. Germania (Weisenau),
*trilobus*, Gervais. Gallia.
*antiquus* et *picoïdes*, Pomel. »
*antiquus*, Schlosser. »

5430. † **parvulus**, H. von Meyer (*3984*). † Miocaen. Germania.

5431. † **fontannesi**, Depéret (*3987 part.*); Major, l. c., 1899, p. 444, pl. 36, f. 6—9, 12—15. 23, 35, pl. 38, 39. † Miocaen. Gallia Merid., (La Grive St Alban).

*verus*, p., Schlosser (nec Hensel), 1890; ? Depéret, 1892. »

## 878. † **Prolagus**, Pomel, 1853.

*Lagomys*, p., Cuv. 1812; *Anoema*, König, 1825; *Myolagus*, Hensel, 1856; *Archaeomys*, Fraas, 1862.
Pomel, Catal. Méth. Vert. Foss. Bass. la Loire, 1853, p. 43.

5432. † **oeningensis**, König, Icones Foss. Sectil., 1825, pl. 10, f. 126; Cuvier, 1836 — (*3985*); Major, l. c., 1899, p. 450, pl. 36, 37, 38, 39. † Miocaen. Germania, Gallia (Œningen, Sansan, La Grive St Alban).

*meyeri*, Tschudi, in Meyer's Fauna Worw., 1845, p. 6; Lydekker, 1885; Depéret, 1887, 1892 — (*3986*). »

*sansaniensis*, Lartet, 1851; Pomel, 1853; Filhol, 1891. »

*steinheimensis*, Fraas, Württ. Naturw. Jahrb., 1862, p. 130, pl. 2. »

*verus*, p., Fraas, 1870. »

5433. † **zitteli**, Wittich, Centralblatt f. Mineral., 1902, p. 562 (Myolagus). † Pleistocaen. Eppelsheim.

5434. † **sardus**, R. Wagner, l. c., 29, p. 1136; Hensel; Schlosser; Lydekker; Major, l. c., 1899, p. 1139, pl. 37—39. † Pliocaen et Pleistocaen. I. Corsica et Sardinia.

*corsicanus*, R. Wagner, l. c., 1829, p. 1139 — (*3990*); *nec* Depéret. »

5435. † **loxodus**, Gervais — (*3988*); Major, l. c., 1899, p. 457. † Pliocaen. Gallia Merid., Toscana.

*corsicanus*, Depéret, 1890, 1892 (nec Wagner). »

*? elsanus*, Major, 1857. »

5436. † **elsanus**, Major — (*3989*); id., l. c., 1899, p. 459. † Pliocaen. Toscana (Carino).

## 879. † **Lagopsis**, Schlosser, 1884.

Palaeontograph., t. 31, 1884, p. 31.

5437. † **verus**, Hensel — (*3987*); Depéret, 1887; Major, l. c., 1899, p. 460, pl. 36—39. † Miocaen. Germania (Œningen), Gallia (La Grive St Alban).

*verus*, p., Schlosser, 1884; Depéret 1892.

*œningensis*, p., Meyer, 1836; Biedermann, 1863; Lydekk., 1885; Schlosser, 1884.

## 880. Ochotona, Link, 1795.

*Lagomys*, Cuv., 1798 (nec Storr); †*Praotherium*, Cope, 1871. Link, Beytr. Naturg., I, pars 2, 1795, p. 52, 74.

5438. **pusillus**, Pallas — (*3991*). — Rossia Merid.-Or., ad fl. Volga, Ms Oural, Siberia Merid. ad Obi.

†*pusillus foss.*, Gervais — (*3991, 3991*). — †Pleistoc. Europa media Germania, Gallia, I. Britannia.

5439. **rufescens**, Gray — (*3992*); Major, Trans. Linn. Soc., 1899, pl. 38. — Persia Or., Afghanistan, Turkestan, Transcaspia.

5440. **roylei**, Ogilby — (*3993*). — Ms Himalaya (à Cachmyr ad Sikkim), Gansu, Nan-schan, Thibet Sept.-Or., Moupin.

5441. **rutilus**, Severzow — (*3994*). — Turkestan, Ms Russki, Nan-schan, Cachmyr, Ladak, Gilgit.

5442. **erythrotis**, Büchner — (*3995*). — Thibet Sept.-Or., Gansu.

5443. **dauricus**, Pallas, 1776 — (*3996*). *ogotona*, Pallas, 1778. — Siberia Merid. (Lac Baikal, Gobi Sept.), Mongolia.

5444. **melanostomus**, Büchner — (*3997*). — Thibet Sept., Kukunor, Gansu, Zaidam.

5445. **ladacensis**, Günther — (*3998*). — Thibet Sept., Ladak Or., 5000—6300 m.).

5446. **curzoniae**, Hodgson (nec Stoliczka) — (*3999*). — Thibet, Sikkim.

5447. **koslowi**, Büchner — (*4000*). — Thibet Sept., (5000 m.).

5448. **alpinus**, Pallas — (*4001*). — Siberia Or., Irtisch, Altaï, usque ad Kamtschatka.

5449. **hyperboreus**, Pallas — (*4002*). — Siberia Sept.-Or., Reg. Tschuktschis.

†*hyperboreus foss.*, Nehring — (*4002 App.*) — †Pleistocaen. Europa Media, Germania.

5450. **littoralis**, Peters — (*4003*). — Siberia Sept.-Or., Reg. Tschuktschis.

5451. **kolymensis**, Allen, Bull. Amer. Mus., 1903, p. 154. — Siberia Or., ad fl. Kolyma (Yakutsk).

5452. **princeps**, Richardson — (*4005* excl. syn.); Elliot, Field Columb. Mus., II, 1901, p. 267, f. 61. — Columbia Britann., ad fl. Mackensie, M^tes Rupestres.

5453. **schisticeps**, Merriam — (*4006*); Elliot, l. c., 1901, p. 267; Merriam, N.-Am. Fauna, No 16, 1899, p. 99, f. 33. — California Sept., M^s Sierra Nevada et Shasta (3300 m.), Placer Co. (Donner).

5454. **collaris**, Nelson — (*4004*); Elliot, l. c., 1901, p. 268. — Alaska (ad fontes fl. Tanana), M^tes ad Fort Yukon usque ad M^s Chigmit ad Bristol Bay.

5455. **cuppes**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 40; Elliot, l. c., 1901, p. 268. — Columbia Brit. Gold Range, (Monishe Divide).

5456. **saxatilis**, Bangs, Proc. N.-Engl. Zool. Club, 1899, p. 41; Elliot, l. c., 1901, p. 268. — Colorado, Montgomery Park Co. (Snowy Range).

5457. **minimus**, Lord — (*4005 syn.*); Elliot, l. c., 1901, p. 269 (bona sp.). — Columbia Brit., Cascade Range (Ptarmigan Hill).

5458. †**palatinus**, Cope — (*4011*); id., Journ. Acad. Philad., 1899, p. 209 (Lagomys). — † Pleistocaen. Pennsylvania.

## Familia XXVIII. **Leporidae.**

### 881. †**Palaeolagus**, Leidy, 1856.

*Trisium*, Cope, 1873.
Leidy, Proc. Acad. Philad., 1856, p. 89.

5459. †**haydeni**, Leidy — (*4007* excl. syn.: »*agapetillus*«); Matthew, Bull. Amer. Mus., 1903, p. 308; Major, Trans. Linn. Soc., 1899, p. 470, 478, pl. 36. — † Oligocaen. United States, Dakota, Colorado.

*avunculus*, *annae* et *leporinum*, Cope. — »

5460. †**temnodon**, Douglass, Trans. Amer. Phil. Soc., 1901, p. 14; Matthew, l. c., 1903, p. 310. — † Oligocaen. Montana.

5461. † **agapetillus**, Cope, Pal. Bull. No. 15, 1873, p. 1; Matthew, l. c., 1903, p. 307, f. 16 (sp. dubia). † Oligocaen. Colorado.

5462. † **ennisianus**, Cope — (*4013*); Matthew, l. c., 1903, p. 306, f. 15. † Oligocaen. Oregon.

5463. † **intermedius**, Matthew, l. c., 1899, p. 19, 53; 1903, p. 308, f. 17. † Oligocaen. Colorado.

5464. † **turgidus**, Cope — (*4008*); Matthew, l. c., 1903, p. 309. † Oligocaen. Colorado.

*triplex*, Cope — (*4009*); juv., fide Matthew. »

*? paniense*, Cope. »

## 882. † **Panolax**, Cope, 1874.

Cope, Proc. Acad. Philad., 1874, p. 151.

5465. † **sanctae-fidei**, Cope — (*4010*). † Pliocaen. Novo-Mexico.

## 883. **Caprolagus**, Blyth, 1845;

(bonum genus) F. Major, 1899.
*Lepus*, p., Pearson, 1843, et Auct.
Blyth, Journ. As. Soc. Beng., XIV, 1845, p. 247.

5466. † **sivalensis**, Major, Trans. Linn. Soc., 1899, pl. 37, f. 18. † Pliocaen. India (Siwaliks).

*sp.*, Lydekk., Cat. Foss. Mam., I, 1885, p. 262. »

5467. † **valdarnensis**, Weithofer — (*4014*); Major, l. c., 1899, p. 514. † Pliocaen. Italia (Val d'Arno).

5468. † **lacostei**, Pomel — (*4082*); Major, l. c., 1899, pl. 37, f. 13. † Pliocaen. Gallia Merid.

5469. **hispidus**, Pearson — (*4084*); Major, l. c., 1899, pl. 36, 37, 39. Himalaya Merid., Ms Teraï, à Nipal ad Assam, Butan, Dacca.

5470. **furnessi**, Stone, Proc. Acad. Philad., 1900, p. 460. I. Liu-Kiu (Okinawa).

## 884. **Nesolagus**, Major, 1899.

Forsyth Major, Trans. Linn. Soc. Lond., VII, 1899, p. 486, 493, et 514.

5471. **netscheri**, Jentink — (*4085*); Major, l. c., 1899, p. 486, pl. 37, 39. Sumatra Merid.-Occ. (Padang).

## 885. **Oryctolagus,** Lillj., 1873;
(bonum genus), Major, 1899.

*Cuniculus,* Gray, 1843—1867 (nec Wagler, 1830); *Lepus,* p., Auct. Lilljeborg, Sverig. och Norges Ryggradsdjur. I, 1873, p. 417, 441.

5472. **cuniculus**, Linné — (*4083*); Major, Trans. Linn. Soc., 1899, pl. 36, 37, 39. — Europa Merid. et AfricaSept.(introduct. in Europam Sept. et inde Cosmopolita).

*huxleyi,* Auct. (ex Darwin). — I. Porto-Santo.

† *cuniculus foss.*, Gervais — (*4083*); Newton, Quart. Journ. Geol. Soc., 1899, p. 422. — † Pleistocaen. Europa, Gallia, I. Britannia(Ightham).

*priscus,* Cuvier. — »

5473. **crassicaudatus**, Is. Geoffroy — (*4046*); Major, l. c., 1899, pl. 38, 39; W. L. Sclater, Ann. S.-Afr. Mus. 1899, p. 238; Mam. S.-Afr. II, 1901, p. 96, f. 113 et 114 (partim). — Africa Australi (in Montibus), Colonia Cap., Natal, Transvaal.

**a.** — **curryi**, Thomas, Ann. Nat. Hist., 1902, X, p. 245. — Orange (Boshof).

**b.** — **nyikae**, Thomas, l. c., 1902, X, p. 244. — Reg. Nyasa Sept., Plateau Nyika (2330 m.).

*crassicaudatus,* p., Thomas, P. Z. S., 1897, p. 938.

## 886. **Sylvilagus,** Gray, 1867.

*Lepus,* p., Auct.
Gray, Ann. Nat. Hist., 1867, XX, p. 221; Major, Trans. Linn. Soc., 1899, VII, p. 433, 520.

### A. **Limnolagus**, Mearns, 1895.

*Hydrolagus,* Gray, 1867 (nec Gill, 1862).
Mearns, Proc. U. S. Nat. Mus., 1895, p. 551.

5474. **aquaticus**, Bachman — (*4054*); Elliot, Field Columb. Mus., II, 1901, p. 277. — Americ. Sept.-Or., Alabama ad Texas, Illinois, Ohio, etc.

**a.** — **attwateri**, Allen — (*4054a*); Elliot, l. c., p. 278. — Texas Merid.-Or., (Medina River).

5475. **telmalemonus**, Elliot, l. c., I, 1899, p. 285; II, 1901, p. 278, pl. 25. — Indian Territ., (Washita River, prope Dougherty).

5476. **palustris**, Bachman — (*4055*); Elliot, l. c., 1901, p. 279; Major, Trans. Linn. Soc., 1899, pl. 37, f. 20. — Carolina Sept. usque ad Floridam, Texas, Yucatan.

**a.** — **paludicola**, Miller et Bangs, — (*4057*). — Florida Merid., (Fort Island prope Crystal River).

5477. **truei**, Allen — (*4056*). — Mexico (Mirador).

*?palustris*, p., Tomes. — ?Guatemala (Duenas).

5478. **insonus**, Nelson, Proc. Biol. Soc. Wash., 1904, p. 103 (Sylvilagus). — Mexico (Guerrero).

B. **Romerolagus**, Merriam, 1896.

Merriam, Proc. Biol. Soc. Wash., 1896, p. 169.

5479. **nelsoni**, Merriam — (*4012*); Major, Trans. Linn. Soc., 1899, p. 514, pl. 37, f. 19; pl. 39, f. 33; Nelson, Soc. Cient. Anton. Alzate, Mexico, 1901, f. 5, 6; La Naturaleza, 1901, p. 34. — Mexico, (M$^s$ Popocatepetl, 3350 m.).

*?diazi*, Ferrari Pérez, 1893.

C. **Tapeti**, Gray, 1867.

*Sylvilagus*, p., Thomas, 1901 (ex Major, 1899).
Gray, Ann. Nat. Hist., 1867, XX, p. 224.

5480. **gabbi**, Allen — (*4078*); Bangs, Amer. Natur., 1901, p. 634, f. B. — Costa Rica (Talamanca), Panama, Colombia.

5481. **surdaster**, Thomas, Ann. Nat. Hist., 1901, VII, p. 543. — Equator Sept., (Esmeraldas).

5482. **incitatus**, Bangs, Amer. Natur., 1901, p. 633, f. A, p. 634. — Panama Orient. (I. Sao Miguel).

5483. **defilippii**, Cornalia — (*4079*). — Equator, Rio Napo (Quixos).

5484. **brasiliensis**, Linné — (*4081*); Thomas, Ann. Nat. Hist., 1901, VIII, p. 534, 539. — Guiana, Brasil Sept., Peru, Bolivia.

†*brasiliensis foss.*, Lund; Winge. — †Pleist. Brasil Merid.

5485. **minensis**, Thomas, l. c., 1901, VIII, p. 534. — Brasil Merid., Rio de Janeiro, Minas Geraës.

5486. **paraguensis**, Thomas, l. c., 1901, VIII, p. 539. — Paraguay, ad Or. urbis Asuncion (Sapucay).

5487. **orinocoi**, Thomas, l. c., 1900, V, p. 356. — Venezuela, Orinoco Super., (Maïpures).

5488. **nigronuchalis**, Hartert — (*4080*). — Venezuela.

5489. **andinus**, Thomas — (*4081B*). — Equator in Andibus (MsCayambi, 4000m.).

5490. **cumanicus**, Thomas — (*4081C*). — Venezuela (Cumana).

5491. **superciliaris**, Allen, Bull. Am. Mus., 1899, p. 196. — Colombia (Santa Marta, Bonda).

5492. **margaritae**, Miller — (*4081D*). — Venezuela (I. Margarita).

5493. **insonus**, Nelson, Proc. Biol. Soc. Wash., 1904, p. 103. — Mexico (Guerrero).

D. **Sylvilagus**, Gray, 1867.

Gray, Ann. Nat. Hist., 1867, XX, p. 221.

5494. **floridanus**, Allen — (*4058e*); Elliot, Field Columb. Mus., II. 1901, p. 280, pl. 26, f. 2. — Florida, Brevard Co., (Sebastian River), Carolina Sept., Louisiana.

*sylvaticus*, p., Bachman (nec Nillson).

a. — **mallurus**, Thomas, Ann. Nat. Hist., 1898, II, p. 320; Elliot, l. c., 1901, p. 280. — Carolina Sept., (Raleigh), et à Maine Merid., et Gulf States ad Kansas, Nebraska, Indian Territ.

*sylvaticus*, p., Bachm. (nec Nillson), — (*4058*).

† *sylvaticus foss.*, Leidy. — † Pleistoc. United-States.

b. — **mearnsi**, Allen — (*4058d*); Elliot, l. c., 1901, p. 280. — Minnesota (Fort Snelling), Iowa, Wisconsin.

c. — **transitionalis**, Bangs — (*4058a*); Elliot, l. c., 1901, p. 281. — Connecticut (New London Co., Liberty Hills) et à New York ad Virginiam, New Hampshire, et fl. Hudson.

d. — **connectens**, Miller, Proc. Biol. Soc. Wash., 1903. p. 105. — Mexico Vera Cruz (Chichicaxtle).

e. — **chiapensis**, Miller, l. c., 1903, p. 106. — Chiapas (San Christobal) Guatemala Occ. (3300 m.).

f. — **yucatanicus**, Miller, Proc. Acad. Philad., 1899, p. 384. — Yucatan (Merida), [*nec* Tehuantepec!]

*aquaticus*, Allen, 1877 (nec Bachm.). — »

*sylvaticus aztecus*, Allen (»de Tehuantepec«), Bull. Am. Mus., 1890, p. 191 *nec* p. 188). — »

g. — **alacer**, Bangs — (*4058c*); Elliot, l. c., 1901, p. 282. — Indian Territ. (Stillwell), Missouri, Oklahoma.

h. — **chapmani**, Allen, Bull. Amer. Mus., 1899, p. 12; Elliot, l. c., 1901, p. 282. *bachmanni*, Allen, l. c., 1894, p. 170, et 1896 (nec Waterh., 1838). — Texas, Nueces Co., (Corpus Christi), BexarCo..inChaparral.

i. — **subcinctus**, Miller, Proc. Acad. Phil., 1899, p. 386. — Mexico, Michoacan (Negrete, Hacienda El Molino).

j. — **caniclunis**, Miller, l. c., 1899, p. 388; Elliot, l. c., 1901, p. 283. — Texas (Fort Clark).

5495. **simplicicanus**, Miller, Proc. Biol. Soc. Wash., 1902, p. 81. — Texas (Brownsville).

5496. **audubonl**, Baird — (*4058j*); Elliot l. c., 1901, p. 283. — California Occid., à San Francisco ad San Diego.

a. — **sanctidiegoi**, Miller, l. c., 1899, p. 389; Elliot, l. c., 1901, p. 283. — Calif. Merid.-Or., (San Diego Co., ad Mexico, et Calif. infer.).

5497. **holzerni**. Mearns — (*4058h*); Elliot, l. c., 1901, p. 284. *durangoae*, Allen, Bull. Am. Mus., 1903, p. 609. — Arizona (M$^s$ Huachuca ad Summum), Mexico Sept., Durango (2600 m.).

5498. **nuttali**, Bachman — (*4058i*); Elliot, l. c., 1901, p. 284. *artemisia*, Bachm. — (*4061*). — Oregon (Walla Walla, Vallo fl. Columbia), M$^s$ Sierra Nevada, Texas; et à Canad. limit. ad Dakota.

5499. **baileyi**, Merriam — (*4058B*); Elliot, l. c., 1901, p. 284. — Wyoming, Bighorn Basin Or. (Spring Creek) Montana.

5500. **grangeri**, Allen (*4059*); Elliot, l. c., 1901, p. 285. — Dakota Merid., Custer Co., (Hill City).

a. — **pinetis**, Allen — (*4058f*); Elliot, l. c., 1901, p. 285. — Arizona Merid.-Or., (M$^s$ White).

5501. **arizonae**, Allen — (*4062*); Elliot, l. c., 1901, p. 285. — Arizona (Beale's Springs), Chiricahua, Huachuaca.

a. — **major**, Mearns — (*4062a*); Elliot, l. c., p. 286; Allen, Bull. Amer. Mus., 1903, p. 608. — Arizona (Calabasas), et à Sonora ad Chihuahua, Durango.

**b.** — **minor**, Mearns — (*4062b*); Elliot, l. c., p. 286. — Texas (El Paso), et à Colorado ad Rio Grande.

**c.** — **goldmanni**, Miller, Proc. Biol. Soc. Wash., 1903, p. 107. — Mexico, Sinaloa, (Culiacan).

**d.** — **confinis**, Allen — (*4062aa*). — California infer. (Playa Maria).

5502. **aztecus**, Allen — (*4058k*). — Mexico Merid., Tehuantepec, Yucatan.

5503. **verae-crucis**, Thomas — (*4063*). — Jalapa (Las Vigas).

**a.** — **pacificus**, Nelson, Proc. Biol. Soc. Wash., 1903, p. 104. — Guerrero, Oaxaca Occid.

5504. **insolitus**, Allen — (*4064*). — Mexico (Colima).

5505. **orizabae**, Merriam — (*4065*). — Mexico (Orizaba).

5506. **graysoni**, Allen — (*4066*). — Mexico Merid., (I. Tres Marias. Costa Rica, Talamanca).

E. **Microlagus**, Trt., 1897.

Trouessart, Catal. Mam. Viv. et Foss., 2ª Ed., 1897, p. 660 (ex Mearns, 1896).
Miller et Rehn, Proc. Bost. Soc., 1901, p. 188;
Elliot, Field Columb. Mus., II, 1901, p. 287.

5507. **bachmani**, Waterhouse — (*4058b*); Elliot, l. c., 1901, p. 281 *(floridanus bachmani)*; Merriam, Science, 1898, p. 32. — California (à Fort Crook ad Cap. St Lucas).

*trowbridgei*, True — (*4060*). — »

**a.** — **cinerascens**, Allen — (*4068*); Elliot, l. c., 1901, p. 287, pl. 27, fig. 1. — Calif. Merid., in desertis, (Los Angeles, San Fernando).

**b.** — **ubericolor**, Miller, Proc. Acad. Philad., 1899, p. 383; Elliot, l. c., p. 282. — Oregon Sept.-Occid., (Beaverton).

5508. **cerrosensis**, Allen — (*4068C*). — California infer., (Santa Anita).

5509. **peninsularis**, Allen — (*4068B*). — California infer., (I. Cerros).

F. **Brachylagus**, Miller, 1900.

*Sylvilagus*, p., Merriam, 1891.
Miller, Proc. Biol. Soc. Wash., 1900, p. 157.

5510. **idahoensis**, Merriam — (*4067*); Elliot, Field Columb. Mus., II, 1901, p. 287; Miller, l. c., 1900, p. 157. — Idaho (Vallo Pashimeroi), et Nevada Sept., Oregon Or., et Washington.

## 887. Lepus, L., 1758.

Linné, Syst. Naturae, 10ª Ed., 1758, p. 57.

**Recognitio.**

1900. — Barret-Hamilton, P. Z. S., 1900, p. 87 (Species Europae).

### A. Lepus.

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| 5511. † **primaevus**, Schlosser, Pal. Abh., 1902, p. 234. | † Pliocaen. Germania Merid. |
| 5512. † **sp.**, Depéret — (*4015*). | † Pliocaen. Gallia Merid. |
| 5513. **timidus**, Linné, 1766 (nec Desm. et Auct.) — (*4016*); Barret-Hamilton, P. Z. S., 1900, p. 88. | Scandinavia (Upsala). |
| *variabilis*, Pallas, 1778; B.-Hamilton, P. Z. S., 1899, p. 598. | et Reg. Arcticis Europae, Scotia. |
| *borealis* et *canescens*, Nillson (*4016 App.*). | » |
| † *variabilis foss.*, Nehring — (*4016*). | † Pleistocaen. Europa media. |
| a. — **collinus**, Nillson, Ill. Fig. Skand. Fauna, 1829—32, pl. 19; Barret-Hamilton, l. c., 1900, p. 89. | Scandinavia Sept. (in Montibus), Rossia Sept. |
| b. — **hibernicus**, Bell, Brit. Quadr., 1837, p. 341; B.-Hamilton, l. c., p. 89. | I. Hibernia. |
| *timidus*, Var. β, Jenyns, 1835. | » |
| c. — **lutescens**, Barret-Hamilton, l. c., 1900, p. 89. | Hibernia Orient. (Dublin Co.). |
| d. — **altaïcus** (Eversmann), B.-Hamilton, l. c., 1900, p. 90. | Asia Centrali (Ms Altaï). |
| e. — **ainu**, B.-Hamilton, l. c., 1900, p. 90. | Japon (I. Yeso). |
| f. — **tschuktschorum**, Nordquist — (*4051*); Elliot, Field Col. Mus., 1901, p. 271; B.-Hamilton, l. c., 1900, p. 90; Allen, Bull. Am. Mus., 1903, p. 159. | Siberia Sept.-Or. (Pitlekaj), Alaska Sept.-Occ. (ad fl. Kuskoquim). |
| g. — **gichiganus**, Allen, Bull. Amer. Mus., 1903, p. 155. | Kamtschatka. (Gichiga), ad. litt. occid. Maris Okhotsk. |
| 5514. **varronis**, Miller, Proc. Biol. Soc. Wash., 1901, p. 97. | Helvetia (in Montibus). |
| *timidus* et *variabilis*, p., Auct. | » |

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| 5515. **europæus**, Pallas — (*4017*); Satunin, Mitth. Kauk. Mus., 1901, p. 64, 128. | Europa Media à Gallia ad Caucasum. |
| *timidus*, Schreb. (nec L.), et Auct. | » |
| *vulgaris*, L. | » |
| † *diluvianus*, Cuvier — (*4017a*). | † Pleistocaen Gallia Germania. |
| **a.** — **occidentalis**, Barret-Hamilton, Ann. Nat. Hist., 1898, I, p. 152. | I. Britannia Merid., (Anglia). |
| **b.** — **meridionalis**, Graells, Mem. Acad. Madrid, XVII, 1897; Thomas, P. Z. S., 1901, p. 43. | Hispania Merid., (Sevilla), I. Balearicae, (Majorca, Iviza). |
| *lilfordi*, B.-Hamilton, l. c., 1898, I, p. 153. | |
| **c.** — **mediterraneus**, Wagner — (*4018*) nec Waterh., nec Loche; B.-Hamilton, l. c., 1898, I, p. 154 — (*4018 App.*). | I. Sardinia. |
| **d.** — **corsicanus**, B.-Hamilton, l. c., 1898, I, p. 155 — (*4018B*). | I. Corsica (Bastia). |
| **e.** — **caspius**, Ehrenberg — (*4017 syn.*); Satunin, Mamm. Caucas., 1903, p. 61. | Transcaspia, Caucasus Merid.-Or., Persia Sept. |
| 5516. **parnassius**, Miller, Proc. Biol. Soc. Wash., 1903, p. 145. | Graecia (M$^{s}$ Parnassus, Lyakura). |
| 5517. **creticus**, Thomas, Ann. Nat. Hist., 1903, XI, p. 126. | I. Creta. |
| 5518. **cyprius**, Thomas, l. c., 1903, XI, p. 127. | I. Cyprus. |
| 5519. **schlumbergeri**, St Loup — (*4045B*). | Marocco (Tanger). |
| 5520. **kabylicus**, Winton — (*4018C*). | Algeria. |
| 5521. **atlanticus**, Winton — (*4018D*). | Marocco. |
| 5522. **pallidior**, Barret-Hamilton — (*4018E*). | Algeria Biskra, M$^{s}$ Aures). |
| 5523. **tunetae**, Winton — (*4018F*). | Tunisia, (I. Kerkenna). |
| 5524. **aegyptius** (Aud. et Geoff.), Desmarest — (*4038*, *4038*); Anderson et Winton, Mamm. of Egypt, 1902, p. 316. | Ægyptus. |
| 5525. **whitakeri**, Thomas, P. Z. S., 1902, p. 12. | Tripoli (Wadi Sofedjin). |
| 5526. **habessinicus**, Ehrenberg — (*4038b*); Anders. et Winton, l. c., 1902, p. 318, pl. 56. | Abyssinia, Ægyptus Merid.-Or. |
| 5527. **rothschildi**, Winton, Novit. Zool., IX, 1902, p. 444; Mamm. of Egypt, p. 319. | Ægyptus (Ghizeh). |

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| 5528. **innesi**, Winton, l. c., IX, 1902, p. 445; Mam. of Egypt, p. 320. | Ægyptus (Fayoûm). |
| 5529. **isabellinus**, Cretzchmar—(*4038a*); Anderson et Winton, Mam. of Egypt, 1902, p. 321. | Senaar, Kordofan, Soudan Orient. |
| 5530. **sinaïticus**, Hempr. et Ehrenb. — (*4037*); Anders. et Winton, l. c., 1902, p. 322. | Arabia Sept., (M[s] Sinaï). |
| 5531. **hawkeri**, Thomas, Ann. Nat. Hist., 1901, p. 277. | Nilo Super., (Khartoum, Kaka). |
| 5532. **syriacus**, Hempr. et Ehrenb. — (*4035*). | Syria (Taurus, Libanon). |
| 5533. **judeae**, Gray — (*4036*). | Palaestina. |
| 5534. **arabicus**, Hempr. et Ehrenb. — (*4034*). | Arabia felix (La Mecque, Aden). |
| 5535. **omanensis**, Thomas — (*4033*). | Arabia Merid., (Oman, Mascat). |
| 5536. **somalensis**, Heuglin — (*4039*). | Somali. |
| 5537. **berberanus**, Heuglin — (*4040*). | Abyssinia Occid., Berbera. |
| 5538. **tigrensis**, Blanford — (*4041*). | Abyssina (ad 2500m.), Tigré, Takonda. |
| 5539. **microtis**, Heuglin — (*4042*). | Bahr-el-Gazal. |
| 5540. **whytei**, Thomas — (*4044*). | Africa Centrali, Nyasa, Shiré, Zomba. |
| 5541. **fagani**, Thomas, P. Z. S., 1902, p. 315. | Abyssinia ad Lac. Tsana (Zegi, 1330 m.). |
| 5542. **victoriae**, Thomas — (*4045*). | Africa Centrali (ad Lac. Victoria Nyansa merid.). |
| 5543. **capensis**, Linné — (*4043*); W. L. Sclater, Ann. S.-Afr. Mus., 1899, p. 236; Mam. S.-Afr., II, 1901, p. 94. | Africa Merid., à Congo et à Kilimanjaro ad Col. Cap., Transvaal, Natal, etc. (Cape Town). |
| a. — **ochropus**, Wagner — (*4043a*). | Africa Centrali Or. et Occ. (Ugogo, Tanga, Congo, Angola). |
| b. — **centralis**, Thomas, Ann. Nat. Hist., 1903, XII, p. 344. | Col. Cap. Centrali, (Deelfontein). |
| 5544. **monticularis**, Thomas, l. c., 1903, XI, p. 78. | Col. Cap. Centrali, (Deelfontein). |
| 5545. **saxatilis**, F. Cuvier — (*4047*); W. L. Sclater, l. c., 1899, p. 237; l. c., 1901, p. 95. | Africa Merid. (in Montibus), Ovampo, Rhodesia, Zambesia (Tette). |

5546. **salae**, Jentink — (*4048*). — Africa Occ., Benguela (Mossamedes).

5547. **tolaï**, Pallas — (*4019*). — Siberia merid., Mongolia, Thibet, Gansu, Turkestan, Cachemyr.

5548. **mandschuricus**, Radde — (*4020*). — Siberia Merid.-Orient. (M$^{s}$ Burega).

5549. **yarkandensis**, Günther — (*4021*). — Turkestan Or., Yarkand, Tarim, Lob-nor.

5550. **oïostolus**, Hodgson — (*4022*). — Himalaya, Thibet, Nipal, Gansu, Kuku-nor.

5551. **pallipes**, Hodgson — (*4023*). — Thibet à Ladak Or., ad Sikkim Sept.; Zaidam.

5552. **dayanus**, Blanford — (*4024*). — India Sept.-Occ., Sind, Afghanistan.

5553. **nigricollis**, F. Cuvier — (*4025*). — India Merid., I. Ceylon, Sumatra, Java, I. Mauritius (introduct.).

† *nigricollis foss.*, Lydekker. — † Pleistocaen. India Merid.

5554. **ruficaudatus**, Is. Geoffroy — (*4026*). — India Sept., à Punjab ad Bengal, Himalaya inf., Nipal.

5555. **peguensis**, Blyth — (*4027*). — Birma (Pegu super.).

5556. **siamensis**, Bonhote, P. Z. S., 1901, p. 56; 1902, p. 40. — Siam (Chiengmai).

5557. **sinensis**, Gray — (*4028*). — China à Pekin ad Amoy, Canton; I. Formosa.

a. — **coreanus**, Thomas — (*4028 a*). — Corea.

5558. **hypsibius**, Blanford — (*4029*). — Thibet Centrali, Ladak Sept.

5559. **sechuensis**, Winton, P. Z. S., 1899, p. 576, pl. 32. — Sechuen Sept.-Occ., (Dumpi).

5560. **swinhoei**, Thomas — (*4030*). — China Or. (Chefoo).

5561. **haïnanus**, Swinhoë — (*4031*). — I. Haïnan.

5562. **brachyurus**, Temminck — (*4032*). — Japon.

5563. **arcticus**, Leach — (*4049*); Elliot, Field Columb. Mus., II, 1901, p. 270. — America Arctica, Archip. Baffin.

a. — **bangsi**, Rhoads — (*4049a*); Elliot, l. c., p. 270. — I. Terra-Nova (Codry), Labrador Sept.

b. — **canus**, Preble, North-Amer. Fauna, No 22, 1902, p. 59. — Canada Sept., (Reg. Hudson Bay).

5564. **labradorius**, Miller, Proc. Biol. Wash., 1899, p. 39. — Labrador, I. Terra Nova.

*arcticus bangsi*, p., Rhoads, 1896. — »

5565. **groenlandicus**, Rhoads — (*4050*); Elliot, l. c., 1901, p. 271. — Groenland Sept., (Robinson Bay).

5566. **othus**, Merriam, Proc. Wash. Acad., 1900, p. 28; Elliot, l. c., 1901, p. 272. — Alaska Sept., (St Michael).

5567. **poadromus**, Merriam, Proc. Wash. Acad., 1900, p. 29; Elliot, l. c., 1901, p. 272. — Alaska peninsula, (Stepovak Bay).

5568. **americanus**, Erxleben — (*4052*, *4052*); Elliot, l. c., 1901, p. 273. — Canada (Hudson Bay) et à Nova Scotia ad Alaska.

a. — **phaeonotus**, Allen, Bull. Amer. Mus., 1899, p. 11; Elliot, l. c., p. 273. — Minnesota Sept., (Kittson Co., Hallock).

b. — **virginianus**, Harlan — (*4052a* et *4052b*, *App.*). — Pennsylvania (Ms Blue), et à Nova Scotia ad Virginiam.

c. — **struthopus**, Bangs — (*4052c*, *App.*). — Nova Scotia (Digby).

d. — **bairdi**, Hayden — (*4052b*). — Ms Wind River, et Mtes Rupestres usque ad Nov.-Mexico.

e. — **washingtoni**, Baird — (*4052c*). — Terr. Washington (Puget Sound) et Oregon.

f. — **columbiensis**, Rhoads — (*4052d*); Elliot, l. c., p. 275. — Columbia Britann., (Vernon).

g. — **dalli**, Merriam, Proc. Wash. Acad., 1900, p. 29; Elliot, l. c., p. 275. — Alaska (ad fl. Nulato).

h. — **macfarlani**, Merriam, l. c., 1900, p. 30; Elliot, l. c., p. 275. — America Arctica, (Great Bear Lake, Fort Anderson).

5569. **saliens**, Osgood, N.-Amer. Fauna, No 19, 1900, p. 39; Elliot, l. c., 1901, p. 276; Allen, Bull. Am. Mus., 1903, p. 559. — Canada Sept.-Occ., (inter Lac. Bennet et Lac. Tagish), Columbia Brit.

5570. **bishopi**, Allen, Bull. Amer. Mus., 1899, p. 11; Elliot, l. c., 1901, p. 276. — Dakota Sept., (Lac. Mill, Ms Turtle).

5571. **klamathensis**, Merriam, N.-Amer. Fauna, No 16, 1899, p. 100; Elliot, l. c., 1901, p. 276. — Oregon, (Fort Klamath).

5572. **campestris**, Bachman — (*4053*); Elliot, l. c., 1901, p. 277. — Canada Occ., Vallo fl. Saskatchewan, usque ad Kansas et M$^{s}$ Sierra Nevada.

B. **Macrotolagus**, Mearns, 1895.

Mearns, Proc. U. S. Nat. Mus., 1895, p. 552.

5573. **alleni**, Mearns, Bull. Amer. Mus., 1890, p. 294; Elliot, l. c., 1901, p. 288. — Arizona (Deserto, ad Killito Station).

a. — **palitans**, Bangs, Proc. N.-Engl. Zool. Club, 1900, p. 85. — Mexico, Sinaloa, (Aguacaliente prope Mazatlan).

5574. **callotis**, Wagler — (*4070*); Elliot, l. c., 1901, p. 288. — Mexico, et ad limites United-States (Wyoming, Sierra Nevada).

a. — **flavigularis**, Wagner, 1844 — (*4070 part*). — Tehuantepec (San Mateo del Mar).

5575. **gaillardi**, Mearns — (*4071*); Elliot, l. c., 1901, p. 289. — United States Merid. et Mexico (Vallo Plagas), ad Or. M$^{tium}$ San Luis, ad fontes Rio Yaqui.

a. — **battyi**, Allen, Bull. Amer. Mus., 1903, p. 607. — Mexico (Durango Sept.).

5576. **merriami**, Mearns — (*4072*); Elliot, l. c., 1901, p. 289, pl. 27, f. 2. — Texas, Kinney Co., (Fort Clark) usque ad ostia fl. Rio Grande.

a. — **altamirae**, Miller, Proc. Biol. Soc. Wash., 1903, p. 109. — Mexico, Tamaulipas, (Alta Mira).

5577. **asellus**, Miller, Proc. Acad. Philad., 1899, p. 380. — Mexico, San Luis Potosi.

5578. **festinus**, Miller, Proc. Biol. Soc. Wash., 1903, p. 108. — Mexico, Hidalgo, (Irolo).

5579. **melanotis**, Mearns — (*4073*); Elliot, l. c., 1901, p. 290. — Kansas (Independence), Terr. Indian et Oklahoma, Texas Occid.

5580. **texensis**, Waterhouse (nec Aud. et Bachm.) — (*4074*); Elliot, l. c., 1901, p. 290. — Texas et ab Oregon Merid.-Or. ad Mexico.

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| **a.** — **eremicus**, Allen — (*4074a*); Elliot, l. c., 1901, p. 291; Allen, Bull. Am. Mus., 1903, p. 590 (nota). | Arizona Merid.-Or., (Fairbank, M$^{s}$ White). |
| **b.** — **griseus**, Mearns — (*4074b*); Elliot, l. c., 1901, p. 291; Allen, l. c., 1903, p. 589. | Texas, El Paso (Fort Hancock), Novo-Mexico. |
| **c.** — **micropus**, Allen, l. c., 1903, p. 605. | Mexico, Durango Sept.-Occ. |
| **d.** — **deserticola**, Mearns — (*4074c*); Elliot, l. c., 1901, p. 292. | California, San Diego Co., Deserto Colorado ad M$^{tes}$ Coast Range. |
| 5581. **californicus**, Bachman — (*4075*); Elliot, l. c., 1901, p. 292. | California (San Diego), usque ad Cap. S$^{t}$ Lucas. |
| 5582. **martirensis**, Stowell — (*4076*). | California infer., (San Pedro Martir). |
| 5583. **insularis**, Bryant — (*4077*). | California infer., I. Espiritu Santo. |

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[2])

[1]) **Bibliographia Anatomica et Phylogenetica** *(Rodentia).*

1899. — **Tycho Tullberg**, *Ueber das System der Nagethiere* (Mitget. K. Gesells. Wiss. Upsala, 1897), p. 1—514, pl. 1—57.

*Nota.* — Les **Odontomysopidae** qui pourraient être placés parmi les *Protoglires*, seront classés provisoirement dans les *Allotheria* (Diprotodonta).

[2]) *Addenda:* — **Muridae Celebenses** (Meyer, Abh. Mus. Dresd., 1899): Species 3586, *Mus neglectus*, p. 22 (= *hoffmanni*, Matschie, 1901); Sp. 3628, *M. ephippium*, p. 23; Sp. 3559, *M. muschenbrocki*, p. 23, pl. 6, f. 1; Sp. 3635, *M. callitrichus*, p. 24, pl. 7, f. 1 (= Sp. 3629, *chrysocomus*, Jent. Hoffm., = 3632, *fratrorum*, Thomas); Sp. 3547, *M. hellwaldi*, p. 25, pl. 7, f. 2—10; Sp. 3568, *M. xanthurus*, p. 25, pl. 6, f. 2—10; Sp. 3862, *Lenomys meyeri*, p. 26, pl. 8; Sp. 3865, *Craurothrix (= Echiothrix) leucura*, p. 27, pl. 9. — Celebes Sept.

Sp. 3520b (nomen mutandum): *M. norwegicus praestans* n. nov. (= *hoffmanni*, Trt., 1904, nec Matschie, 1901).

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